

a  
Meteorological Register  
kept at  
Mansfield Woodhouse in  
Nottinghamshire  
From 1785 to 1800  
By Hayman Rooke.

44546/B

252









# Meteorological Register,

KEPT AT

*Mansfield Woodhouse, in Nottinghamshire;*

FROM THE COMMENCEMENT OF THE YEAR 1785, TO THE  
END OF THE YEAR 1794.

TO WHICH ARE SUBJOINED,

*The most probable Indications of Weather,*

DEDUCIBLE FROM THE

CHANGES IN THE BAROMETER :

WITH

*TWO PLATES;*

DESCRIBING THE

EXTRAORDINARY EFFECTS OF LIGHTNING,

AND THE

Appearance of a Singular Meteor.

---

---

*Nottingham :*

PRINTED BY S. TUPMAN, OPPOSITE THE WHITE LION.

1795.



TO

*The Right Hon. Frederick Montagu ;*

AS AN

ENLIGHTENED JUDGE,

AND

CONSTANT FAVOURER

OF ALL ENDEAVOURS TENDING TO THE

*Advancement of Science :*

AND IN

ACKNOWLEDGEMENT OF HIS HIGHLY VALUED  
FRIENDSHIP TO THE COMPILER, THIS

LITTLE TRACT,

IS RESPECTFULLY INSCRIBED,

*By His very Faithful,*

*And Obedient*

*Humble Servant,*

HAYMAN ROOKE.

MANSFIELD WOODHOUSE,  
APRIL, 1795.



---

## PREFACE.

---

*A* Very respectable Friend having expressed a wish to see a REGISTER of the WEATHER for the last Ten Years, I have been induced to PUBLISH the following Abridgement of my METEOROLOGICAL JOURNAL. Wishing to render this trifle acceptable to Him and the rest of my Friends, (for whom only it is printed,) I have added some Observations on the BAROMETER, taken from the Works of Meteorologists.

The very extraordinary and powerful Effects of Lightning, herein mentioned, to which I was an Eye-witness, will shew how necessary it is to have Conductors.

As the variation of the Compass may be looked upon as one of the extraordinary Phænomena of Nature, I have given the declination of the Magnatic Needle in England, from the Year 1576 to the Year 1780.



## PREFACE.

*It will be necessary to observe, in the Register of the Weather, that the first Column includes every Day of Frost in that Month, many of which being fine Days, are reckoned in the Column of Fair, so that the number of Days set down, will sometimes appear to be more than there are in that Month; as in the Month of February 1785, where there are 22 Days of Frost, 9 of Snow, 4 of Rain, and 15 Fair, which added together, make 50 Days; but, if the 22 Days Frost, which are included in the Columns of Snow and Fair, be deducted, there will then remain 28 Days; so in some of the other Months.*

*The greatest rise and fall of Fahrenheit's Thermometer, are marked at the bottom of the Annual Registers.*

*I do not pretend to offer this as a Philosophical Register; such an Undertaking would have required a stationary Residence, which I could not conveniently submit to.*

*\* \* The Columns of Mild, or Hot, denote the number of Mild Days in Winter, and Hot in Summer.*

# REGISTER of the WINDS, for the YEAR 1785.

| <i>Months.</i> | <i>Eaft.</i> | <i>West.</i> | <i>North.</i> | <i>South.</i> | <i>N. E.</i> | <i>S. E.</i> | <i>S. W.</i> | <i>N. W.</i> |
|----------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------|
| January        | 0            | 2            | 0             | 4             | 3            | 11           | 6            | 5            |
| February       | 3            | 1            | 1             | 1             | 6            | 2            | 3            | 11           |
| March          | 0            | 0            | 1             | 0             | 20           | 0            | 0            | 10           |
| April          | 1            | 0            | 0             | 0             | 5            | 5            | 3            | 16           |
| May            | 0            | 9            | 0             | 0             | 1            | 8            | 4            | 9            |
| June           | 0            | 2            | 0             | 0             | 7            | 11           | 7            | 3            |
| July           | 0            | 13           | 0             | 0             | 3            | 5            | 7            | 3            |
| August         | 0            | 8            | 0             | 0             | 3            | 3            | 4            | 13           |
| September      | 0            | 12           | 0             | 0             | 1            | 2            | 11           | 4            |
| October        | 1            | 11           | 0             | 0             | 2            | 1            | 7            | 9            |
| November       | 1            | 9            | 0             | 0             | 1            | 2            | 7            | 10           |
| December       | 0            | 4            | 2             | 0             | 8            | 9            | 3            | 5            |
| Total.         | 6            | 71           | 4             | 5             | 60           | 59           | 62           | 98           |

# REGISTER of the WEATHER for the YEAR 1785.

| Months.   | Frost. | Snow. | Rain. | Fair. | Mild or Hot. | Thunder. |
|-----------|--------|-------|-------|-------|--------------|----------|
| January   | 7      | 6     | 13    | 12    | 0            | 0        |
| February  | 22     | 9     | 4     | 15    | 0            | 0        |
| March     | 22     | 8     | 0     | 23    | 0            | 0        |
| April     | 5      | 2     | 4     | 24    | 1            | 0        |
| May       | 2      | 0     | 9     | 22    | 2            | 1        |
| June      | 0      | 0     | 5     | 25    | 15           | 1        |
| July      | 0      | 0     | 14    | 17    | 3            | 2        |
| August    | 0      | 0     | 16    | 15    | 0            | 1        |
| September | 3      | 0     | 15    | 15    | 0            | 2        |
| October   | 3      | 2     | 12    | 17    | 3            | 1        |
| November  | 12     | 3     | 9     | 18    | 1            | 0        |
| December  | 11     | 4     | 11    | 16    | 0            | 0        |
| TOTAL.    | 87     | 34    | 112   | 219   | 25           | 8        |

February the 18th, Thermometer 24.° June 24th, Thermometer, 80.°



# REGISTER of the WINDS for the YEAR 1786.

| Months.   | East. | West. | North. | South. | N. E. | S. E. | S. W. | N. W. |
|-----------|-------|-------|--------|--------|-------|-------|-------|-------|
| January   | 0     | 6     | 4      | 3      | 1     | 3     | 11    | 3     |
| February  | 7     | 11    | 0      | 0      | 2     | 2     | 2     | 4     |
| March     | 5     | 7     | 3      | 0      | 6     | 1     | 3     | 6     |
| April     | 3     | 2     | 9      | 3      | 5     | 1     | 3     | 4     |
| May       | 3     | 16    | 0      | 0      | 5     | 1     | 3     | 3     |
| June      | 7     | 10    | 1      | 0      | 6     | 1     | 4     | 1     |
| July      | 0     | 9     | 5      | 1      | 4     | 0     | 7     | 5     |
| August    | 0     | 17    | 1      | 2      | 0     | 5     | 2     | 4     |
| September | 5     | 14    | 1      | 1      | 3     | 1     | 1     | 4     |
| October   | 6     | 8     | 5      | 1      | 1     | 5     | 1     | 4     |
| November  | 1     | 2     | 0      | 2      | 13    | 12    | 0     | 0     |
| December  | 0     | 6     | 5      | 6      | 0     | 5     | 3     | 6     |
| TOTAL.    | 37    | 108   | 34     | 19     | 46    | 37    | 40    | 44    |

# REGISTER of the WEATHER for the YEAR 1786.

| <i>Months.</i> | <i>Frost.</i> | <i>Snow.</i> | <i>Rain.</i> | <i>Fair.</i> | <i>Mild or Hot.</i> | <i>Thunder.</i> |
|----------------|---------------|--------------|--------------|--------------|---------------------|-----------------|
| January        | 10            | 5            | 6            | 10           | 0                   | 0               |
| February       | 9             | 3            | 5            | 11           | 1                   | 0               |
| March          | 17            | 8            | 7            | 16           | 0                   | 0               |
| April          | 2             | 4            | 3            | 22           | 2                   | 0               |
| May            | 1             | 0            | 12           | 18           | 6                   | 0               |
| June           | 0             | 0            | 7            | 23           | 8                   | 2               |
| July           | 0             | 0            | 8            | 23           | 4                   | 1               |
| August         | 0             | 0            | 18           | 13           | 1                   | 2               |
| September      | 6             | 0            | 15           | 15           | 0                   | 0               |
| October        | 4             | 0            | 10           | 21           | 3                   | 0               |
| November       | 4             | 2            | 10           | 15           | 0                   | 0               |
| December       | 15            | 5            | 10           | 16           | 0                   | 0               |
| TOTAL.         | 68            | 27           | 111          | 203          | 25                  | 5               |

January the 3d, Thermometer 25.°      June 4th, Thermometer 79.2

# REGISTER of the WINDS for the YEAR 1787.

| Months.   | East. | West. | North. | South. | N. E. | S. E. | S. W. | N. W. |
|-----------|-------|-------|--------|--------|-------|-------|-------|-------|
| January   | 4     | 8     | 0      | 0      | 1     | 9     | 3     | 6     |
| February  | 1     | 12    | 0      | 0      | 0     | 4     | 10    | 1     |
| March     | 2     | 11    | 0      | 4      | 1     | 6     | 5     | 2     |
| April     | 2     | 6     | 2      | 0      | 10    | 1     | 0     | 9     |
| May       | 5     | 5     | 3      | 0      | 4     | 5     | 7     | 2     |
| June      | 2     | 13    | 0      | 3      | 2     | 3     | 4     | 3     |
| July      | 3     | 21    | 0      | 1      | 3     | 2     | 1     | 1     |
| August    | 0     | 4     | 0      | 0      | 0     | 2     | 11    | 14    |
| September | 1     | 4     | 0      | 0      | 13    | 2     | 8     | 2     |
| October   | 2     | 13    | 0      | 3      | 1     | 1     | 8     | 2     |
| November  | 0     | 5     | 2      | 0      | 0     | 4     | 5     | 14    |
| December  | 0     | 2     | 5      | 0      | 1     | 5     | 10    | 8     |
| TOTAL.    | 22    | 104   | 12     | 11     | 36    | 44    | 72    | 64    |



# REGISTER of the WEATHER for the YEAR 1787.

| <i>Months.</i> | <i>Frost.</i> | <i>Snow.</i> | <i>Rain.</i> | <i>Fair.</i> | <i>Mild or Hot.</i> | <i>Thunder.</i> |
|----------------|---------------|--------------|--------------|--------------|---------------------|-----------------|
| January        | 12            | 3            | 5            | 23           | 0                   | 0               |
| February       | 3             | 0            | 11           | 17           | 6                   | 0               |
| March          | 3             | 1            | 9            | 21           | 9                   | 0               |
| April          | 2             | 1            | 9            | 20           | 0                   | 0               |
| May            | 0             | 0            | 7            | 24           | 5                   | 1               |
| June           | 0             | 0            | 11           | 19           | 2                   | 2               |
| July           | 0             | 0            | 22           | 9            | 5                   | 3               |
| August         | 0             | 0            | 7            | 24           | 6                   | 1               |
| September      | 2             | 0            | 10           | 20           | 0                   | 0               |
| October        | 3             | 0            | 20           | 11           | 2                   | 0               |
| November       | 14            | 0            | 8            | 22           | 2                   | 0               |
| December       | 9             | 4            | 13           | 14           | 3                   | 0               |
| TOTAL.         | 48            | 9            | 132          | 224          | 40                  | 7               |

January 26, Thermometer 28.<sup>2</sup>      July 5, Thermometer 79.<sup>2</sup>

# REGISTER of the WINDS for the YEAR 1788.

| Months.   | Eaft. | Wefl. | North. | South. | N. E. | S. E. | S. W. | N. W. |
|-----------|-------|-------|--------|--------|-------|-------|-------|-------|
| January   | 1     | 9     | 3      | 2      | 3     | 1     | 3     | 9     |
| February  | 4     | 6     | 2      | 0      | 5     | 6     | 1     | 5     |
| March     | 8     | 2     | 2      | 0      | 2     | 7     | 5     | 4     |
| April     | 1     | 17    | 0      | 3      | 0     | 2     | 1     | 6     |
| May       | 4     | 1     | 0      | 1      | 11    | 5     | 6     | 3     |
| June      | 4     | 4     | 3      | 0      | 10    | 2     | 2     | 5     |
| July      | 0     | 9     | 0      | 6      | 0     | 0     | 10    | 6     |
| Auguft    | 0     | 10    | 0      | 1      | 3     | 1     | 12    | 4     |
| September | 0     | 13    | 0      | 0      | 3     | 2     | 8     | 4     |
| October   | 4     | 11    | 2      | 0      | 3     | 0     | 1     | 10    |
| November  | 3     | 9     | 2      | 3      | 3     | 2     | 5     | 3     |
| December  | 1     | 3     | 8      | 0      | 5     | 1     | 1     | 12    |
| TOTAL.    | 30    | 94    | 22     | 16     | 48    | 20    | 55    | 71    |

# REGISTER of the WEATHER for the YEAR 1788.

| <i>Months.</i> | <i>Frost.</i> | <i>Snow.</i> | <i>Rain.</i> | <i>Fair.</i> | <i>Mild or Hot.</i> | <i>Thunder.</i> |
|----------------|---------------|--------------|--------------|--------------|---------------------|-----------------|
| January        | 9             | 1            | 11           | 19           | 2                   | 0               |
| February       | 5             | 5            | 12           | 12           | 0                   | 0               |
| March          | 11            | 5            | 8            | 18           | 3                   | 0               |
| April          | 0             | 2            | 13           | 15           | 3                   | 0               |
| May            | 0             | 0            | 7            | 24           | 5                   | 1               |
| June           | 3             | 0            | 10           | 20           | 2                   | 0               |
| July           | 0             | 0            | 19           | 12           | 2                   | 3               |
| August         | 0             | 0            | 14           | 17           | 3                   | 1               |
| September      | 1             | 0            | 17           | 13           | 2                   | 2               |
| October        | 8             | 0            | 6            | 25           | 3                   | 0               |
| November       | 9             | 1            | 2            | 27           | 10                  | 0               |
| December       | 26            | 12           | 3            | 16           | 1                   | 0               |
| TOTAL.         | 72            | 26           | 122          | 218          | 36                  | 7               |

January the 14th, Thermometer 29°. August the 3d, Thermometer 79<sup>2</sup>.



# REGISTER of the WINDS, for the YEAR 1789.

| <i>Months.</i> | <i>East.</i> | <i>West.</i> | <i>North.</i> | <i>South.</i> | <i>N. E.</i> | <i>S. E.</i> | <i>S. W.</i> | <i>N. W.</i> |
|----------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------|
| January        | 3            | 6            | 1             | 0             | 4            | 2            | 13           | 2            |
| February       | 2            | 9            | 0             | 3             | 5            | 0            | 6            | 3            |
| March          | 11           | 3            | 1             | 0             | 6            | 1            | 0            | 9            |
| April          | 0            | 14           | 0             | 1             | 3            | 4            | 3            | 5            |
| May            | 1            | 6            | 0             | 3             | 4            | 6            | 7            | 4            |
| June           | 4            | 4            | 0             | 2             | 0            | 8            | 7            | 5            |
| July           | 2            | 2            | 1             | 7             | 0            | 5            | 10           | 4            |
| August         | 1            | 3            | 1             | 0             | 4            | 5            | 15           | 2            |
| September      | 1            | 4            | 2             | 0             | 1            | 2            | 14           | 6            |
| October        | 2            | 4            | 1             | 1             | 2            | 11           | 7            | 3            |
| November       | 3            | 5            | 0             | 0             | 2            | 10           | 4            | 6            |
| December       | 0            | 7            | 0             | 0             | 0            | 1            | 21           | 2            |
| Total.         | 30           | 67           | 7             | 17            | 31           | 55           | 107          | 51           |

# REGISTER of the WEATHER for the YEAR 1789.

| <i>Months.</i> | <i>Frost.</i> | <i>Snow.</i> | <i>Rain.</i> | <i>Fair.</i> | <i>Mild or Hot.</i> | <i>Thunder.</i> |
|----------------|---------------|--------------|--------------|--------------|---------------------|-----------------|
| January        | 15            | 6            | 10           | 15           | 3                   | 0               |
| February       | 3             | 1            | 21           | 6            | 1                   | 0               |
| March          | 16            | 12           | 5            | 14           | 0                   | 0               |
| April          | 4             | 1            | 11           | 18           | 1                   | 0               |
| May            | 0             | 0            | 15           | 16           | 3                   | 0               |
| June           | 0             | 0            | 19           | 11           | 2                   | 4               |
| July           | 0             | 0            | 24           | 7            | 1                   | 4               |
| August         | 0             | 0            | 11           | 20           | 6                   | 0               |
| September      | 2             | 0            | 18           | 12           | 0                   | 1               |
| October        | 2             | 0            | 20           | 11           | 0                   | 0               |
| November       | 5             | 0            | 16           | 14           | 0                   | 0               |
| December       | 5             | 1            | 10           | 20           | 8                   | 0               |
| <b>TOTAL.</b>  | <b>52</b>     | <b>21</b>    | <b>180</b>   | <b>164</b>   | <b>25</b>           | <b>9</b>        |

January the 5th, Thermometer 20°. August 11th, Thermometer, 80°.

# REGISTER of the WINDS for the YEAR 1790.

| <i>Months.</i> | <i>East.</i> | <i>West.</i> | <i>North.</i> | <i>South.</i> | <i>N. E.</i> | <i>S. E.</i> | <i>S. W.</i> | <i>N. W.</i> |
|----------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------|
| January        | 0            | 5            | 0             | 0             | 1            | 6            | 13           | 6            |
| February       | 0            | 11           | 0             | 0             | 1            | 0            | 13           | 3            |
| March          | 3            | 3            | 1             | 3             | 10           | 3            | 1            | 7            |
| April          | 3            | 2            | 2             | 1             | 14           | 4            | 4            | 0            |
| May            | 3            | 5            | 0             | 1             | 5            | 7            | 8            | 2            |
| June           | 0            | 11           | 0             | 2             | 2            | 5            | 8            | 2            |
| July           | 0            | 16           | 0             | 2             | 1            | 2            | 6            | 4            |
| August         | 2            | 11           | 0             | 2             | 0            | 9            | 4            | 3            |
| September      | 0            | 8            | 2             | 0             | 3            | 1            | 8            | 3            |
| October        | 5            | 7            | 1             | 0             | 3            | 7            | 4            | 4            |
| November       | 11           | 4            | 0             | 1             | 3            | 6            | 1            | 4            |
| December       | 2            | 11           | 0             | 2             | 4            | 4            | 2            | 6            |
| TOTAL.         | 29           | 94           | 6             | 14            | 47           | 54           | 72           | 49           |



# REGISTER of the WEATHER for the YEAR 1790.

| <i>Months.</i> | <i>Frost.</i> | <i>Snow.</i> | <i>Rain.</i> | <i>Fair.</i> | <i>Mild or Hot.</i> | <i>Thunder.</i> |
|----------------|---------------|--------------|--------------|--------------|---------------------|-----------------|
| January        | 10            | 1            | 9            | 21           | 5                   | 0               |
| February       | 8             | 0            | 5            | 23           | 10                  | 0               |
| March          | 5             | 0            | 4            | 27           | 5                   | 0               |
| April          | 3             | 2            | 6            | 22           | 0                   | 0               |
| May            | 0             | 0            | 18           | 13           | 2                   | 2               |
| June           | 0             | 0            | 17           | 13           | 2                   | 2               |
| July           | 0             | 0            | 16           | 15           | 0                   | 2               |
| August         | 0             | 0            | 15           | 16           | 3                   | 0               |
| September      | 2             | 0            | 13           | 17           | 0                   | 1               |
| October        | 4             | 0            | 12           | 19           | 2                   | 0               |
| November       | 6             | 1            | 10           | 19           | 0                   | 0               |
| December       | 9             | 3            | 13           | 15           | 1                   | 1               |
| <b>TOTAL.</b>  | <b>47</b>     | <b>7</b>     | <b>138</b>   | <b>220</b>   | <b>30</b>           | <b>8</b>        |

January the 20th, Thermometer 28.°    August 20th, Thermometer 80.°

# REGISTER of the WINDS for the YEAR 1791.

| <i>Months.</i> | <i>East.</i> | <i>West.</i> | <i>North.</i> | <i>South.</i> | <i>N. E.</i> | <i>S. E.</i> | <i>S. W.</i> | <i>N. W.</i> |
|----------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------|
| January        | 0            | 5            | 0             | 3             | 1            | 6            | 13           | 3            |
| February       | 3            | 7            | 7             | 1             | 2            | 1            | 6            | 1            |
| March          | 2            | 9            | 5             | 0             | 0            | 2            | 4            | 9            |
| April          | 8            | 4            | 2             | 1             | 2            | 6            | 6            | 1            |
| May            | 4            | 7            | 1             | 0             | 7            | 5            | 1            | 6            |
| June           | 5            | 2            | 0             | 0             | 7            | 6            | 5            | 5            |
| July           | 0            | 12           | 0             | 2             | 0            | 2            | 10           | 5            |
| August         | 2            | 8            | 0             | 2             | 3            | 3            | 9            | 4            |
| September      | 4            | 2            | 1             | 1             | 1            | 6            | 9            | 6            |
| October        | 1            | 6            | 0             | 4             | 4            | 1            | 12           | 3            |
| November       | 2            | 2            | 0             | 4             | 7            | 0            | 13           | 2            |
| December       | 0            | 5            | 0             | 5             | 0            | 1            | 7            | 13           |
| <b>TOTAL.</b>  | <b>31</b>    | <b>69</b>    | <b>16</b>     | <b>23</b>     | <b>34</b>    | <b>39</b>    | <b>95</b>    | <b>58</b>    |

# REGISTER of the WEATHER for the YEAR 1791.

| <i>Months.</i> | <i>Frost.</i> | <i>Snow.</i> | <i>Rain.</i> | <i>Fair.</i> | <i>Mild or Hot.</i> | <i>Thunder.</i> |
|----------------|---------------|--------------|--------------|--------------|---------------------|-----------------|
| January        | 8             | 2            | 17           | 12           | 3                   | 0               |
| February       | 10            | 3            | 7            | 18           | 2                   | 0               |
| March          | 8             | 0            | 4            | 27           | 6                   | 0               |
| April          | 0             | 0            | 12           | 18           | 7                   | 0               |
| May            | 3             | 0            | 11           | 20           | 3                   | 0               |
| June           | 0             | 0            | 7            | 23           | 9                   | 0               |
| July           | 0             | 0            | 19           | 12           | 3                   | 1               |
| August         | 2             | 0            | 13           | 18           | 2                   | 2               |
| September      | 1             | 0            | 8            | 22           | 7                   | 1               |
| October        | 5             | 0            | 17           | 14           | 3                   | 1               |
| November       | 5             | 0            | 15           | 14           | 3                   | 0               |
| December       | 21            | 8            | 8            | 15           | 0                   | 0               |
| TOTAL.         | 63            | 13           | 138          | 213          | 48                  | 5               |

June 7th, thermometer 76°.2    December 11, Thermometer 19°.2

# REGISTER of the WINDS for the YEAR 1792.

| Months.   | East. | West. | North. | South. | N. E. | S. E. | S. W. | N. W. |
|-----------|-------|-------|--------|--------|-------|-------|-------|-------|
| January   | 1     | 4     | 0      | 4      | 0     | 6     | 5     | 11    |
| February  | 0     | 5     | 1      | 10     | 3     | 1     | 5     | 4     |
| March     | 0     | 3     | 3      | 3      | 1     | 2     | 18    | 1     |
| April     | 1     | 2     | 2      | 8      | 3     | 1     | 10    | 3     |
| May       | 0     | 2     | 0      | 3      | 7     | 1     | 13    | 5     |
| June      | 0     | 4     | 0      | 0      | 2     | 2     | 15    | 7     |
| July      | 2     | 2     | 0      | 4      | 0     | 2     | 11    | 10    |
| August    | 4     | 3     | 1      | 3      | 5     | 2     | 12    | 1     |
| September | 0     | 2     | 0      | 2      | 0     | 0     | 19    | 7     |
| October   | 1     | 1     | 1      | 4      | 10    | 3     | 9     | 2     |
| November  | 0     | 6     | 0      | 4      | 6     | 1     | 9     | 4     |
| December  | 0     | 4     | 0      | 0      | 0     | 3     | 10    | 14    |
| TOTAL.    | 9     | 38    | 8      | 45     | 37    | 24    | 136   | 69    |



# REGISTER of the WEATHER for the YEAR 1792.

| <i>Months.</i> | <i>Frost.</i> | <i>Snow.</i> | <i>Rain.</i> | <i>Fair.</i> | <i>Mild or Hot.</i> | <i>Thunder.</i> |
|----------------|---------------|--------------|--------------|--------------|---------------------|-----------------|
| January        | 11            | 2            | 8            | 21           | 3                   | 0               |
| February       | 8             | 4            | 7            | 18           | 3                   | 0               |
| March          | 8             | 4            | 15           | 12           | 1                   | 1               |
| April          | 1             | 0            | 12           | 18           | 6                   | 1               |
| May            | 3             | 0            | 15           | 16           | 0                   | 3               |
| June           | 1             | 0            | 21           | 9            | 0                   | 1               |
| July           | 2             | 0            | 14           | 17           | 0                   | 0               |
| August         | 0             | 0            | 12           | 19           | 4                   | 0               |
| September      | 1             | 0            | 22           | 8            | 0                   | 2               |
| October        | 3             | 0            | 20           | 11           | 4                   | 0               |
| November       | 5             | 0            | 11           | 19           | 2                   | 0               |
| December       | 10            | 3            | 13           | 15           | 2                   | 0               |
| TOTAL.         | 53            | 13           | 170          | 183          | 30                  | 8               |

February the 21<sup>st</sup>, Thermometer 23°. August the 22<sup>d</sup>, Thermometer 76<sup>o</sup>.

# REGISTER of the WINDS, for the YEAR 1793.

| <i>Months.</i> | <i>East.</i> | <i>West.</i> | <i>North.</i> | <i>South.</i> | <i>N. E.</i> | <i>S. E.</i> | <i>S. W.</i> | <i>N. W.</i> |
|----------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------|
| January        | 0            | 6            | 1             | 0             | 2            | 3            | 13           | 6            |
| February       | 0            | 2            | 0             | 0             | 1            | 0            | 16           | 9            |
| March          | 1            | 5            | 3             | 1             | 4            | 3            | 12           | 2            |
| April          | 0            | 0            | 5             | 1             | 6            | 6            | 7            | 5            |
| May            | 0            | 3            | 0             | 1             | 7            | 1            | 2            | 17           |
| June           | 0            | 4            | 0             | 0             | 1            | 0            | 13           | 12           |
| July           | 0            | 1            | 1             | 1             | 3            | 0            | 15           | 10           |
| August         | 0            | 2            | 0             | 3             | 1            | 3            | 17           | 5            |
| September      | 0            | 2            | 0             | 0             | 5            | 2            | 11           | 10           |
| October        | 0            | 6            | 0             | 2             | 0            | 1            | 18           | 4            |
| November       | 0            | 1            | 1             | 4             | 5            | 1            | 11           | 7            |
| December       | 0            | 2            | 0             | 2             | 1            | 1            | 19           | 6            |
| Total.         | 1            | 34           | 11            | 15            | 36           | 21           | 154          | 93           |

# REGISTER of the WEATHER for the YEAR 1793.

| <i>Months.</i> | <i>Frost.</i> | <i>Snow.</i> | <i>Rain.</i> | <i>Fair.</i> | <i>Mild or Hot.</i> | <i>Thunder.</i> |
|----------------|---------------|--------------|--------------|--------------|---------------------|-----------------|
| January        | 11            | 1            | 11           | 19           | 3                   | 0               |
| February       | 8             | 1            | 10           | 17           | 3                   | 0               |
| March          | 10            | 2            | 10           | 19           | 2                   | 1               |
| April          | 6             | 7            | 8            | 15           | 1                   | 1               |
| May            | 5             | 1            | 5            | 25           | 1                   | 2               |
| June           | 1             | 0            | 14           | 16           | 1                   | 0               |
| July           | 0             | 0            | 6            | 25           | 8                   | 1               |
| August         | 0             | 0            | 16           | 15           | 0                   | 1               |
| September      | 3             | 0            | 12           | 18           | 0                   | 0               |
| October        | 2             | 0            | 11           | 20           | 1                   | 0               |
| November       | 5             | 0            | 10           | 20           | 0                   | 0               |
| December       | 8             | 0            | 10           | 21           | 13                  | 0               |
| <b>TOTAL.</b>  | <b>59</b>     | <b>12</b>    | <b>123</b>   | <b>230</b>   | <b>33</b>           | <b>6</b>        |

January the 19th, Thermometer 32.°      July 10th, Thermometer, 82.°.

# REGISTER of the WINDS for the YEAR 1794.

| <i>Months.</i> | <i>East.</i> | <i>West.</i> | <i>North.</i> | <i>South.</i> | <i>N. E.</i> | <i>S. E.</i> | <i>S. W.</i> | <i>N. W.</i> |
|----------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------|
| January        | 0            | 6            | 0             | 0             | 0            | 0            | 22           | 3            |
| February       | 0            | 6            | 1             | 2             | 1            | 0            | 15           | 3            |
| March          | 0            | 3            | 5             | 1             | 0            | 1            | 19           | 2            |
| April          | 0            | 2            | 0             | 0             | 0            | 2            | 21           | 5            |
| May            | 0            | 0            | 0             | 0             | 6            | 0            | 13           | 12           |
| June           | 0            | 0            | 1             | 1             | 2            | 6            | 10           | 10           |
| July           | 0            | 0            | 0             | 0             | 2            | 2            | 22           | 5            |
| August         | 0            | 2            | 0             | 1             | 0            | 0            | 12           | 16           |
| September      | 0            | 0            | 0             | 1             | 7            | 1            | 13           | 8            |
| October        | 0            | 3            | 0             | 0             | 0            | 0            | 20           | 8            |
| November       | 0            | 0            | 0             | 2             | 0            | 5            | 16           | 7            |
| December       | 0            | 1            | 0             | 3             | 2            | 4            | 15           | 6            |
| <b>TOTAL.</b>  | 0            | 23           | 7             | 11            | 20           | 21           | 198          | 85           |



# REGISTER of the WEATHER for the YEAR 1794.

| Months.   | Frost. | Snow. | Rain. | Fair. | Mild or Hot | Thunder. |
|-----------|--------|-------|-------|-------|-------------|----------|
| January   | 19     | 2     | 1     | 28    | 6           | 0        |
| February  | 0      | 0     | 13    | 15    | 10          | 0        |
| March     | 4      | 0     | 11    | 20    | 6           | 0        |
| April     | 0      | 0     | 10    | 20    | 3           | 1        |
| May       | 0      | 0     | 12    | 19    | 2           | 1        |
| June      | 3      | 0     | 4     | 26    | 5           | 1        |
| July      | 0      | 0     | 9     | 22    | 5           | 1        |
| August    | 0      | 0     | 13    | 18    | 0           | 3        |
| September | 3      | 0     | 14    | 16    | 0           | 0        |
| October   | 5      | 0     | 18    | 13    | 0           | 0        |
| November  | 3      | 0     | 10    | 20    | 0           | 0        |
| December  | 16     | 2     | 10    | 19    | 0           | 0        |
| TOTAL.    | 53     | 4     | 125   | 236   | 37          | 7        |

January 3, Thermom. 28.° July 13, Thermom. 84.°. August 21, Remarkable Effects of Lightning, see Page 28. October 21st, a Singular Meteor, see Page 30.

# A SYNOPSES of the TEN YEARS REGISTERS.

| Years. | East. | West. | North. | South. | N. E. | S. E. | S. W. | N. W. |
|--------|-------|-------|--------|--------|-------|-------|-------|-------|
| 1785   | 6     | 71    | 4      | 5      | 60    | 59    | 62    | 98    |
| 1786   | 37    | 108   | 34     | 19     | 46    | 37    | 40    | 44    |
| 1787   | 22    | 104   | 12     | 11     | 36    | 44    | 72    | 64    |
| 1788   | 30    | 94    | 22     | 16     | 48    | 29    | 55    | 71    |
| 1789   | 30    | 67    | 7      | 17     | 31    | 55    | 107   | 51    |
| 1790   | 29    | 94    | 6      | 14     | 47    | 54    | 72    | 49    |
| 1791   | 31    | 69    | 16     | 23     | 34    | 39    | 95    | 58    |
| 1792   | 9     | 38    | 8      | 45     | 37    | 24    | 136   | 69    |
| 1793   | 1     | 34    | 11     | 15     | 36    | 21    | 154   | 93    |
| 1794   | 0     | 23    | 7      | 11     | 20    | 21    | 198   | 85    |
| TOTAL. | 195   | 702   | 127    | 176    | 395   | 383   | 991   | 682   |

| <i>Years.</i> | <i>Frost.</i> | <i>Snow.</i> | <i>Rain.</i> | <i>Fair.</i> | <i>Mild or Hot.</i> | <i>Thunder.</i> |
|---------------|---------------|--------------|--------------|--------------|---------------------|-----------------|
| 1785          | 87            | 34           | 112          | 219          | 25                  | 8               |
| 1786          | 68            | 27           | 111          | 203          | 25                  | 5               |
| 1787          | 48            | 9            | 132          | 224          | 40                  | 7               |
| 1788          | 72            | 26           | 122          | 218          | 36                  | 7               |
| 1789          | 52            | 21           | 180          | 164          | 25                  | 9               |
| 1790          | 47            | 7            | 138          | 220          | 30                  | 8               |
| 1791          | 63            | 13           | 138          | 213          | 48                  | 5               |
| 1792          | 53            | 13           | 170          | 183          | 30                  | 8               |
| 1793          | 59            | 12           | 123          | 230          | 33                  | 6               |
| 1794          | 53            | 4            | 125          | 236          | 37                  | 7               |
| TOTAL.        | 602           | 166          | 1351         | 2110         | 329                 | 70              |

---

# THE EFFECTS

OF A

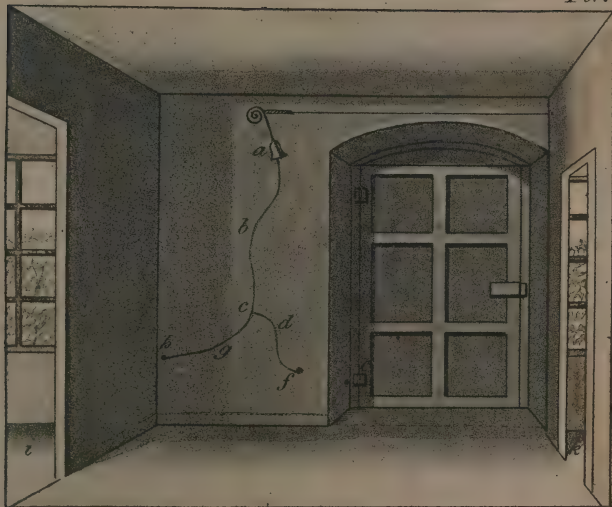
## THUNDER STORM,

ON THURSDAY, THE TWENTY-FIRST OF AUGUST, 1794.

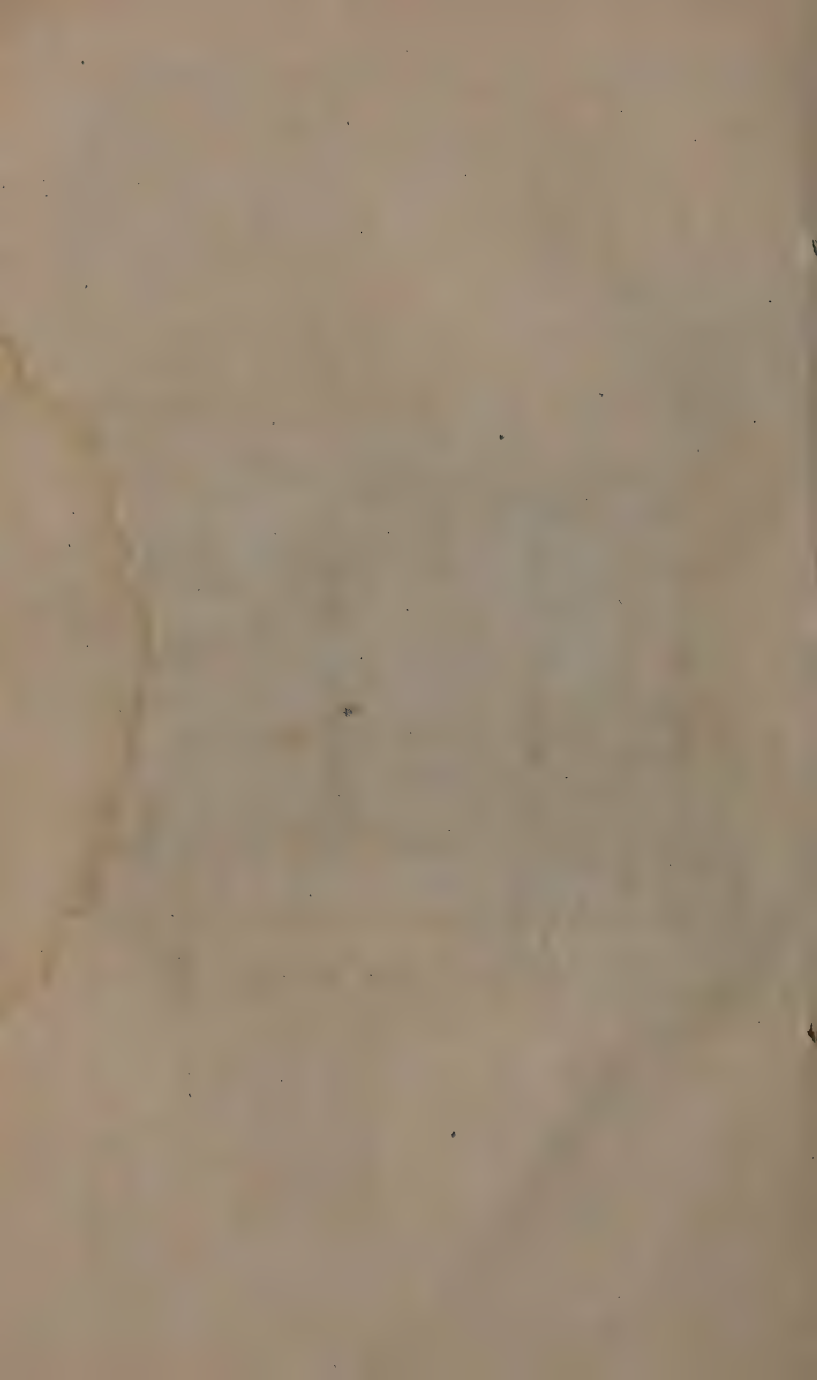
---

ABOUT two o'Clock, P. M. two very black Clouds were seen towards the South West, which, in their North East course, appeared to attract each other; this attractive power in these Clouds, was occasioned by their being highly charged with a contrary Electricity, which burst out with a violent explosion, as soon as the Clouds came in contact; the vivid flashes of Lightning followed each other in a quick succession, amidst a torrent of Rain and Hail; at that instant, a Ball of Fire was seen to strike the top of a Chimney, in Mr. Wragge's House, near Mansfield, where it was attracted by an Iron Cramp, from whence it descended to the roof, throwing down part of the Chimney, and scattering the Stones to a considerable distance. The Lightning, after running nine Yards along the Roof, penetrated the Ceiling of a Garret, where it tore off a piece about seven Feet in length, and near six Inches in width; it was here attracted by another Iron Cramp, in a sloping Beam, from which it separated a piece of near three Feet in length, and about eleven Inches in circumference; from this Beam it forced its way through





*The Passage in M. Wragges House.*



through the Floor, to a gilt Frame of a Looking-Glass, in the Drawing-room, where it burst open a Tea-chest, melted a piece of Lead within side, about the size of Half-a-Crown, and scattered a pack of Cards to the other end of the Room; a stream of the Electric Fluid appeared by a black line on the Floor to have run ten Feet to an Iron Fender. The Lightning then took its course downwards to the Parlour, where it run round another gilt Frame of a Looking-glass, near to which Mrs. Wragge was sitting, with a Child in her lap, they both received a strong shock, which, in all probability would have been fatal to them, had not a Bell-wire, that was over the Glass, conducted the Electric Fluid to the Bell, in the Passage; its course from thence, is very extraordinary, and will be best explained by referring to the PLATE ist. where (*a*) is the Bell, in the Passage, from whence the Electric Fluid (*b*) descended on the Wall in a narrow stream to (*c*) where it divided into two, that at (*d*) was attracted by the Iron Hinge (*e*) of the street Door, and split the Wood to which the Hinge was nailed, the Passage of the Electric Fluid to the Hinge, was through a Stone Wall eleven Inches thick, and the aperture it made was so small, that it would hardly admit a knitting Needle, see the Hole at (*f*) the other stream (*g*) was attracted through the Wall (*h*) by an Iron Bar in the Kitchen (*i*) where it spent its force, without doing any damage, (*k*) the Parlour.

The

The Wind was that Day, N. W. the Barometer 29. 8. Thermometer 66°.

The strong attractive power of these Conductors, shew the great utility of Iron Conductors in preserving Buildings from the dreadful effects of Lightning.

---

### *AURORA BOREALIS.*

---

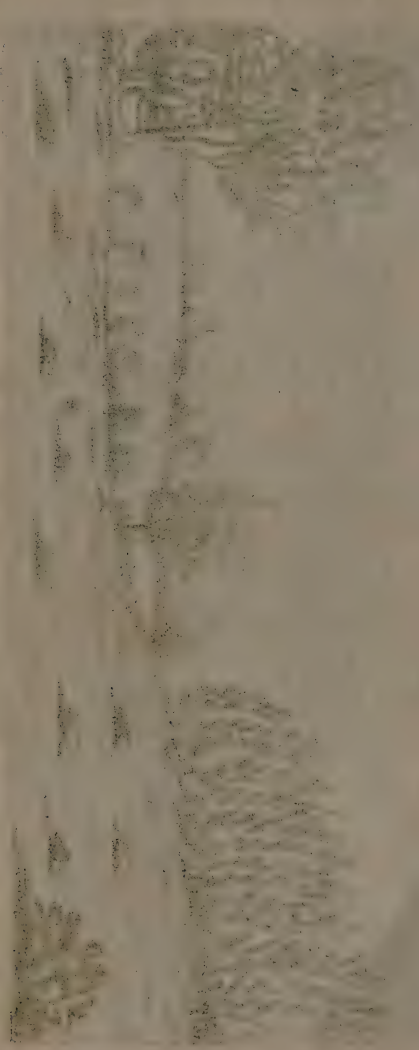
About 8 o'Clock, on Thursday Night, the 21st of October, 1794, a remarkable Aurora Borealis was seen near Mansfield; its appearance was that of a white steady light, without any of those shooting streams of the Electric Fluid, which are always seen in the common Aurora Borealis; it seemed to extend from N. E. to S. W. and where it was observed from a high situation, it formed a segment of a large circle, see PLATE 2nd. There had been a little Frost in the Morning, the Day was fine, and the Evening perfectly clear.

The Wind, N. W. Barometer 30, Thermometer 47.





Appearance of the Meteor as seen from a field behind M.<sup>r</sup> Bookers House.



# RULES

## *For Judging the Weather,*

BY THE

### RISE AND FALL OF THE BAROMETER.

---

BY MR PATRICK.

---

**T**HE rising of the Mercury presages in general Fine Weather; and its falling, Foul, as Rain, Snow, high Winds and Storms.

2. In very Hot Weather, especially if the Wind be South, the falling indicates Thunder.

3. In Winter, the rising protends Frost; and in Frosty Weather, if it falls three or four tenths, there will certainly follow a Thaw; but if it rises in a continued Frost, Snow generally succeeds.

4. When Foul Weather happens soon after the Mercury has fallen, expect but little of it; and, on the contrary, expect but little Fine Weather, if it proves Fair very soon after the Mercury has risen.

5. In Foul Weather, when the Mercury rises much, and high, and so continues for two or three Days, before the Foul Weather is quite over, then expect a continuance of Fair Weather to follow.

6. In fair Weather, when the Mercury falls much and low, and thus continues for two or three Days before the Rain comes, then expect a great deal of Rain, and probably high Winds.

7. The unsettled motion of the Mercury denotes uncertain and changeable Weather.

8. You are not to be governed absolutely by the Words engraved on the scale of the Barometer, (altho' in general the Weather will nearly agree with them,) as to the rising and falling of the Mercury; for if it stands at much Rain, and then rises to changeable, it presages Fair Weather, but not of so long continuance as it would have been if the Mercury was higher; and, on the contrary, if the Mercury stood at Fair, and falls to Changeable, it presages Foul Weather, but not so much of it as if it had fallen lower.

From these Observations, it appears, that it is not so much the height of the Mercury that indicates the Weather; as its motion up and down; and for this reason it is necessary to know at any time whether the Mercury is rising or falling, in order to judge, with some degree of probability, what Weather may be expected; for which purpose, the following RULES will be found useful:—

1. If the surface of the Mercury be *convex*, rising higher in the center of the Tube than at the sides, it is generally a proof that it is  
then

then rising, and presages the approach of Fair Weather.

2. If the surface of the Mercury is lower in the center than at the sides, it is falling, and indicates Foul Weather.

3. If it is level, or very little convex, it is stationary, and presages a continuance of the then state of the Weather.

4. But to judge still more precisely of its inclination either to rise or fall, it may not be amiss to strike the Frame gently, so as to affect the Mercury in the Tube, and it will immediately rise or fall about a twentieth of an Inch, which-ever way it inclines, unless it is then stationary, in which case it will not be perceptibly affected."

DOCTOR HALLEY *observes*, That during great Winds, though unattended with Rain, the Mercury is lowest of all, with regard however to the point of the Compass from whence the Wind blows, as the greatest rise of the Mercury is on Easterly and North Easterly Winds; and the greatest fall on Southerly and Westerly Winds.

That after great storms of Wind, when the Mercury has been very low, it generally rises again very fast. He once observed it rise an Inch-and-a-half in less than 6 Hours, after a long continued storm of South West Wind.

That  
E



That in calm, Frosty Weather, the Mercury generally stands high.

DOCTOR BEAL *observes*, That the Mercury is higher in cold Weather than warm; and generally higher in the Morning and Evening, than at Noon.

That in settled Fair Weather, it is higher than either before, after, or during Rain; that it generally descends lower after Rain than it was before it; that if it rises higher after Rain it is generally followed by a settled serenity.

That there are frequently great changes in the Air, without any perceptible alteration in the Barometer.

The following Observations may not be unworthy of attention:—

“A continuance of Fair Weather, the Wind being in the North, and the Mercury high, or rising, is never succeeded by Rain, 'till the Wind changes to some Southerly point; and a continuance of Rain from the South is scarcely ever succeeded by fair settled Weather, before the Wind changes to the West, or some Northerly point.

The falling of the Mercury, when the Wind is full South, scarcely ever fails to presage Rain.

On the approach of cold, frosty, or foggy Weather, it rises pretty high; but on the approach of Windy or tempestuous Weather it will

will sink very low ; and, as soon as the storm is over, will rise again briskly, as has been remarked above, by Dr. HALLEY. About the time of the Equinoxes, viz. March, and September, if the Mercury is about 29 Inches, or Rain, though it should not then Rain, this state of the Barometer threatens much Rainy Weather till the next Equinox ; and *vice versa* if about 30, or Fair, though it should Rain, it promises a greater proportion of fine Weather.” (1)

---

*Prognostic Signs of the Weather, from the Winds.*

---

AMONG the causes which affect the Weather, there is none whose influence is more demonstrable than that of the Winds ; these, though uncertain in appearance, are, like all other Phenomena of Nature, governed by fixed and determinate laws, and deserve a most serious investigation. When the Wind veers about uncertainly to several points of the Compass, Rain generally follows. By some it has been asserted, that if the Wind, in veering about follows the course of the Sun from East to West, it brings Fair Weather. but if it is from West to East, Foul.

A

(1) Preface to the Meteorologist's Assistant.

A whistling, howling Wind, is almost an infallible sign of Rain; it is a sign that does not seem to be confined to any Climate; for in the Sacred History, we find Elijah saying, "Get thee up, eat and drink, for there is a sound of abundance of Rain."

"Living Vegetables have a considerable effect in altering Climates, and affecting the Weather, wooded Countries are much colder than those that are open and cultivated; thus part of Guiana has only been cleared from wood since the beginning of this Century, and the heat in that part is already excessive; whereas, in the wooded parts, the Inhabitants are obliged to light a Fire every night.

Sir Wm. YOUNG gives a remarkable instance of the effect of Hills in arresting Vapours, and producing Rain, while the exhalations from the Trees on its surface, cool and temper the air; observing, that the smooth polished Barbadoes, and our Leeward Islands are parched up, whilst the towering and rugged Dominica, St. Vincent, Grenada, and Tobago, enjoy incessant Rains, and delicious verdure.

"It is generally agreed that the clearing away of wood in time, lessens the Vapours, and consequently the Rain of a Country. Several fine Parishes in Jamaica, which used to produce large crops of Sugar Canes, and were once the richest spots in the Island, are now dry for 9 Months in the Year, and are turned  
into

into Cattle Pens, through the clearing away of the neighbouring woods." (1)

The following Observations on the same subject were communicated to Mr. ADAMS, by a very ingenious Friend :—

“ Water is very plentiful in those Countries where Woods and Forests abound, and the purest Springs are generally found beneath the friendly shelter of a Grove.

The natural History of every Country shews, that in proportion as the wood-lands are cleared, the water-courses diminish. In America, unfortunately for the Inhabitants, this truth is too well known; for since the woods in the vicinity of their Towns have been cut down, many long established Mill races have become dry, and others have been reduced so low as to cause very great interruptions to the Miller, who must wait a considerable time for the Dams to fill between every hour's work.

Hence we may learn the important necessity of preserving the Trees from beneath whose humid shades a water spring discharges its streams; and hence too we may learn, that the smallest springs may be improved by planting around them a grove of Trees, particularly the Oak, so highly valued by the Greeks, the Romans, and our ancient Druids, who, considering the health of man, and the fertility

(1) Adams Dissertation on the Barometer, page 47.

fertility of the soil to be absolutely dependent upon plentiful streams of Water, consecrated their groves to preserve their springs.

It were much to be wished that some expedient could now be formed to answer the same valuable purpose.

Of situations, perhaps the most promising for the enjoyment of health, life, and every convenience, is near the bottom of an high Hill, that has a Southerly aspect, with Woods and Plantations about the head of it; a dry soil of Sand or Gravel, with a mixture of loam and running Waters, with green Meadows before it, or the Sea, with a steep and clear shore of Gravel, or Beach. There may health fix her seat; but let no man think his situation will preserve him, unless he has the prudence to preserve himself. All the varieties of the Weather, all the Seasons, and all the Elements are at War with the indolent and the intemperate." (1)

The learned Mr. KIRMAN, F. R. S. observes, that with respect to the annual temperature, we may remark,

First, "That within 10 Degrees of the Poles, the temperatures differ very little; neither do they differ much within 10 Degrees of the Equator.

Secondly, The temperature of different  
Years



Years differ very little near the Equator, but they differ more and more as the latitudes approach the Poles.

Thirdly, It scarce ever freezes in Latitudes under  $35^{\circ}$ . unless in very elevated situations, and it scarce ever hails, in Latitudes higher than  $60^{\circ}$ .

Fourthly, Between Latitudes  $35^{\circ}$  and  $60^{\circ}$ . in places adjacent to the Sea, it generally Thaws when the Sun's altitude is  $40^{\circ}$ . and seldom begins to Freeze, until the Sun's meridian altitude is below  $40^{\circ}$ ."

When the variation of the Magnetic Needle was first discovered, it was to the East of the meridian of London. It has been since that time continually advancing to the West, so that in the Year 1657, the Magnetic Needle pointed due North and South, and at present its variation is about  $22^{\circ}$ . West.\*

Dr. HALLY observes, that the whole period of variation is performed in about 700 Years. The variation is about 9 Minutes in a Year.

Declination

\* See Cavallo's ingenious Treatise on Magnetism, and from which the following Table is taken:—

*Declination of the Magnetic Needle, observed in  
London.*

| Years. | Declination. |   |                 |
|--------|--------------|---|-----------------|
|        | Degrees.     |   | Minutes.        |
| 1576   | 11           | — | 15              |
| 1580   | 11           | — | 11              |
| 1612   | 6            | — | 10              |
| 1622   | 6            | — | 0               |
| 1633   | 4            | — | 5               |
| 1634   | 4            | — | 5               |
| 1657   | 0            | — | 0               |
| 1665   | 1            | — | $22\frac{1}{2}$ |
| 1666   | 1            | — | $35\frac{1}{2}$ |
| 1672   | 2            | — | 30              |
| 1683   | 4            | — | 30              |
| 1692   | 6            | — | 0               |
| 1700   | 8            | — | 0               |
| 1717   | 10           | — | 42              |
| 1724   | 11           | — | 45              |
| 1725   | 11           | — | 56              |
| 1730   | 13           | — | 0               |
| 1735   | 14           | — | 16              |
| 1740   | 15           | — | 40              |
| 1745   | 16           | — | 53              |
| 1750   | 17           | — | 54              |
| 1760   | 19           | — | 12              |
| 1765   | 20           | — | 0               |
| 1770   | 20           | — | 35              |
| 1774   | 21           | — | 3               |
| 1775   | 21           | — | 30              |
| 1777   | 22           | — | 12              |
| 1778   | 22           | — | $20\frac{1}{4}$ |
| 1779   | 22           | — | $29\frac{1}{2}$ |
| 1780   | 22           | — | 41              |

The 4 last Years are taken from the Philosophical Transactions.

It appears by the Register of the Winds, for the last 10 Years, there has been in that time, 1693 Days of West and South West Winds, and 590 of East and North East.

The influence of Winds over Animal and Vegetable Life, is undoubtedly very great; and we feel, with a pleasing sensation, the salubrious West and South West, whilst the 'noxious East and North East Winds bring pestilential Disorders and Blights. Hence we see the goodness of PROVIDENCE in thus giving us so large a portion of those Winds, which tend to the preservation and comforts of Life.

*FINIS.*



A  
CONTINUATION  
OF THE  
METEOROLOGICAL REGISTER,  
KEPT AT  
*MANSFIELD WOODHOUSE,*  
FROM THE YEAR,  
1794,  
TO THE END OF THE YEAR,  
1795.

---

By H. R.

---

*NOTTINGHAM,*

PRINTED BY SAMUEL TUPMAN, OPPOSITE THE WHITE LION, AND  
BLACK-MOOR'S-HEAD INNS.



# REGISTER of the WEATHER for the YEAR 1795.

| <i>Months.</i> | <i>Frost.</i> | <i>Snow.</i> | <i>Rain.</i> | <i>Fair.</i> | <i>Mild or Hot.</i> | <i>Thunder.</i> |
|----------------|---------------|--------------|--------------|--------------|---------------------|-----------------|
| January        | 26            | 12           |              | 17           | 2                   | 0               |
| February       | 15            | 7            | 3            | 18           | 2                   | 0               |
| March          | 5             | 7            | 8            | 16           | 1                   | 1               |
| April          | 0             | 0            | 17           | 13           | 2                   | 1               |
| May            | 1             | 0            | 9            | 22           | 6                   | 0               |
| June           | 2             | 0            | 15           | 13           | 0                   | 3               |
| July           | 1             | 0            | 13           | 18           | 0                   | 1               |
| August         | 0             | 0            | 11           | 20           | 0                   | 4               |
| September      | 4             | 0            | 3            | 27           | 3                   | 0               |
| October        | 1             | 0            | 18           | 13           | 4                   | 1               |
| November       | 9             | 2            | 10           | 18           | 0                   | 0               |
| December       | 2             | 0            | 12           | 19           | 0                   | 0               |
| TOTAL.         | 66            | 28           | 119          | 24           | 20                  | 11              |

The greatest Rise and Fall of the BAROMETER in the Year 1795.

| <i>Months.</i> | <i>Days of the Month.</i> | <i>Rise.</i> | <i>Days of the Month.</i> | <i>Fall.</i> |
|----------------|---------------------------|--------------|---------------------------|--------------|
| January        | 11                        | 30-2         | 27                        | 28-8         |
| February       | 17                        | 30-3         | 10                        | 28-7         |
| March          | 8                         | 30-0         | 6                         | 28-9         |
| April          | 4                         | 29-9         | 21                        | 29-0         |
| May            | 21                        | 30-2         | 1                         | 29-3         |
| June           | 9                         | 29-9         | 30                        | 29-0         |
| July           | 8                         | 30-0         | 1                         | 29-2         |
| August         | 28                        | 29-9         | 7                         | 29-2         |
| September      | 14                        | 30-1         | 5                         | 29-3         |
| October        | 7                         | 29-9         | 24                        | 28-7         |
| November       | 11                        | 30-4         | 18                        | 28-8         |
| December       | 10                        | 30-2         | 14                        | 29-1         |

The greatest Rise and Fall of FAHRENIT'S THERMOMETER in the Year 1795.

| <i>Months.</i> | <i>Days of the Month.</i> | <i>Rise.</i> | <i>Days of the Month.</i> | <i>Fall.</i> |
|----------------|---------------------------|--------------|---------------------------|--------------|
| January        | 5                         | 40°          | 29                        | 12°          |
| February       | 11                        | 44           | 21                        | 24           |
| March          | 29                        | 50           | 1                         | 30           |
| April          | 22                        | 57           | 3                         | 38           |
| May            | 23                        | 76           | 27                        | 44           |
| June           | 26                        | 66           | 20                        | 44           |
| July           | 20                        | 70           | 9                         | 46           |
| August         | 16                        | 70           | 5                         | 57           |
| September      | 7                         | 74           | 28                        | 54           |
| October        | 14                        | 64           | 7                         | 44           |
| November       | 2                         | 53           | 20                        | 27           |
| December       | 6                         | 54           | 10                        | 38           |

## OBSERVATIONS ON THE WEATHER.

**A**S the commencement of the Year 1795, was remarkable for intenseness of cold, which appeared by various accounts, to have been more severe than it was ever known to be, in this climate ; I have given in the following Table, the Days in the Month of January and February, when the Thermometer was below the Freezing Point, shewing the number of Degrees.

*N. B.* The Thermometer was placed out of doors facing the N. every morning, between nine and ten o'Clock.

EXCESS

*Excess of Cold in January and February, 1795.*

| <i>Days<br/>in<br/>Jan.</i> | <i>State<br/>of the<br/>Ther.</i> | <i>Degrees<br/>below<br/>the f. p.</i> | <i>Days<br/>in<br/>Feb.</i> | <i>State<br/>of the<br/>Ther.</i> | <i>Degrees<br/>below<br/>the f. p.</i> |
|-----------------------------|-----------------------------------|--|-----------------------------|-----------------------------------|--|
| 1                           | 27°                               | 5°                                     | 3                           | 29°                               | 3°                                     |
| 2                           | 25                                | 7                                      | 4                           | 28                                | 4                                      |
| 3                           | 25                                | 7                                      | 5                           | 28                                | 4                                      |
| 4                           | 24½                               | 7½                                     | 17                          | 29                                | 3                                      |
| 10                          | 31                                | 1                                      | 18                          | 28                                | 4                                      |
| 11                          | 24                                | 8                                      | 19                          | 26                                | 6                                      |
| 12                          | 23½                               | 8½                                     | 20                          | 26                                | 6                                      |
| 14                          | 28                                | 4                                      | 21                          | 24                                | 8                                      |
| 16                          | 28                                | 4                                      | 22                          | 30                                | 2                                      |
| 17                          | 28                                | 4                                      | 28                          | 30                                | 2                                      |
| 18                          | 31                                | 1                                      |                             |                                   |  |
| 19                          | 23                                | 9                                      |                             |                                   |  |
| 20                          | 23                                | 9                                      |                             |                                   |  |
| 21                          | 23                                | 9                                      |                             |                                   |  |
| 22                          | 24                                | 8                                      |                             |                                   |  |
| 23                          | 23½                               | 8½                                     |                             |                                   |  |
| 24                          | 21                                | 11                                     |                             |                                   |  |
| 25                          | 21½                               | 10½                                    |                             |                                   |  |
| 26                          | 22                                | 10                                     |                             |                                   |  |
| 29                          | 12                                | 20                                     |                             |                                   |  |
| 30                          | 14                                | 18                                     |                             |                                   |  |
| 31                          | 22                                | 10                                     |                             |                                   |  |



It appeared by meridian observations, that the two hottest days in the year 1795, were on the 21st and 23d of May, when the Thermometer was at 75 Degrees Summer heat.

The sudden transition from heat to cold in that month is very remarkable, as will appear in the following Table.

| <i>Days in<br/>May.</i> | <i>Baro-<br/>meter.</i> | <i>Ther-<br/>mom.</i> | <i>Wind.</i> |
|-------------------------|-------------------------|-----------------------|--------------|
| 23                      | 29.9                    | 76°                   | S. W.        |
| 24                      | 29.9                    | 55                    | N. E.        |
| 26                      | 30.0                    | 50                    | N. E.        |
| 27                      | 30.1                    | 44                    | N. W.        |

Hence we find that the Temperature of the Air on the 24th was 21 Degrees colder than on the 23d, and on the 27th 6 Degrees colder than on the 26th.

On the 19th of March, at about a quarter before twelve at night, a remarkable Meteor was seen over Mansfield; its first appearance was that of a Ball of Fire, which in three or four seconds burst into two, and strongly illuminated the atmosphere, its course was from N. W. to S. E. Barometer 29.8, Thermometer 38°.

On the 18th of November, about ten mi-  
B nutes

nutes after 11 o'clock at night, a very smart shock of an Earthquake was felt in the neighbourhood of Mansfield, and which extended, in different directions, to above sixty miles ; its duration was about eight or ten seconds, including the preceeding noise, which rather resembled the explosion of confined air than that of thunder ; whence it seems probable, that the violent concussion might have been occasioned by a discharge of a great quantity of the electric fluid, collected in the lower atmosphere ; the wind was very high in the morning, and the clouds black and heavy, but about one o'clock the wind had entirely dispersed the clouds, and the evening was perfectly calm and clear ; this circumstance, together with the account given by some travellers in the Mail Coach, that they saw a strong light before they heard the noise, seem to favour the above conjecture. The concussion was so great in some places, that several chimnies were thrown down, and the bells, in many of the church steeples, were heard to sound. The Wind was that night S. W. Barometer 28.8, Thermometer, 50°.

*Prognostic Signs of the Weather.*

**T**HE learned *Mr. Kirwan*, F. R. S. has deduced from a variety of Meteorological Observations, made in England, between the Years 1677 and 1789, the following probabilities or hints towards forming prognostics of the Weather.

1. That when there has been no storm before and after the Spring Equinox, the ensuing Summer is generally dry, at least five times in six.

2. That when a storm happens from any Easterly point, either on the 19th, 20th, or 21st of March, the succeeding Summer is generally dry, four times in five.

3. That when a storm arises on the 25th, 26th, or 27th of March, and not before, in any point, the succeeding Summer is generally dry, four times in five.

4. If there be a storm at S. W. or at W. S. W. on the 19th, 20th, or 22d, the succeeding Summer is generally wet five times in six.

*From the Fate of the Sky.*

The colour of the Sky is an index to the Weather, because it shews the state of the vapours which reside in the atmosphere.

If the red vapours of the Evening are precipitated, the morning sky is clear ; but if they remain in the air, the morning is red and rain is in general the consequence.

If a low ring redness spreads far upward from the horizon, either in the morning or the evening, it is succeeded either by rain or wind, frequently by both.

If such a fiery redness extends towards the zenith in an evening, the Wind will be high from the West, or South West, attended with rain, and sometimes succeeded by a flood.

When the sky in a rainy season is tinged with a sea-green colour near the horizon, when it ought to be blue, the rain will continue and increase.

If it be of a deep dead blue, it will be show'ry.

The loftiness of the canopy is perhaps one of the truest prognostics of fine weather. (a)

Several stormy days and nights occurred in October, November, and December, of 1795, with the Wind at S. W. by which much mischief was done at Sea.

#### F I N I S.

(a) Adams's Desert. on the Barom. and Therm.  
p. 37.

N. B. In l. 2. p. 15, for 15 read 10.

A  
CONTINUATION  
OF THE  
ANNUAL  
Meteorological Register,  
KEPT AT  
MANSFIELD WOODHOUSE,  
FROM THE YEAR  
1795.  
TO THE END OF THE YEAR  
1796.

---

By H. R.

---

---

NOTTINGHAM.

---

PRINTED BY SAMUEL TUPMAN, OPPOSITE THE INNS.







# REGISTER of the WINDS for the YEAR 1796.

| Months.   | East. | West. | North | South. | N. E. | S. E | S. W. | N. W. |
|-----------|-------|-------|-------|--------|-------|------|-------|-------|
| January   | 0     | 0     | 0     | 2      | 0     | 2    | 27    | 0     |
| February  | 0     | 5     | 1     | 2      | 5     | 3    | 9     | 4     |
| March     | 3     | 1     | 2     | 0      | 7     | 3    | 8     | 7     |
| April     | 0     | 1     | 1     | 1      | 7     | 8    | 7     | 5     |
| May       | 1     | 1     | 2     | 1      | 7     | 5    | 11    | 3     |
| June      | 0     | 7     | 0     | 0      | 1     | 0    | 14    | 8     |
| July      | 0     | 4     | 0     | 1      | 1     | 0    | 18    | 7     |
| August    | 1     | 0     | 2     | 0      | 5     | 4    | 10    | 9     |
| September | 0     | 2     | 2     | 1      | 8     | 1    | 11    | 5     |
| October   | 0     | 4     | 0     | 0      | 4     | 0    | 10    | 13    |
| November  | 0     | 0     | 4     | 1      | 8     | 0    | 6     | 11    |
| December  | 0     | 2     | 2     | 0      | 6     | 4    | 7     | 10    |
| TOTAL.    | 5     | 27    | 16    | 9      | 59    | 30   | 138   | 82    |

# REGISTER of the WEATHER for the YEAR 1796.

| <i>Months.</i> | <i>Frost.</i> | <i>Snow.</i> | <i>Rain.</i> | <i>Fair.</i> | <i>Mild or Hot.</i> | <i>Thunder.</i> |
|----------------|---------------|--------------|--------------|--------------|---------------------|-----------------|
| January        | 2             | 0            | 13           | 18           | 11                  | 2               |
| February       | 6             | 1            | 8            | 20           | 7                   | 0               |
| March          | 13            | 4            | 2            | 25           | 8                   | 0               |
| April          | 1             | 0            | 9            | 21           | 16                  | 1               |
| May            | 2             | 0            | 19           | 12           | 0                   | 2               |
| June           | 0             | 0            | 10           | 20           | 0                   | 1               |
| July           | 0             | 0            | 28           | 3            | 0                   | 3               |
| August         | 0             | 0            | 7            | 24           | 0                   | 1               |
| September      | 2             | 0            | 7            | 23           | 0                   | 0               |
| October        | 5             | 0            | 10           | 21           | 0                   | 0               |
| November       | 3             | 1            | 9            | 20           | 0                   | 0               |
| December       | 17            | 1            | 7            | 23           | 1                   | 0               |
| TOTAL.         | 51            | 7            | 129          | 230          | 43                  | 10              |

The Greatest RISE and FALL of the BAROMETER in the YEAR 1796.

| <i>Months</i> | <i>Days of the Mon.</i> | <i>Rise.</i> | <i>Days of the Mon.</i> | <i>Fall.</i> |
|---------------|-------------------------|--------------|-------------------------|--------------|
| January       | 17                      | 29,9         | 27                      | 28,7         |
| February      | 25                      | 30,1         | 6                       | 28,7         |
| March         | 22                      | 30,1         | 30                      | 29,3         |
| April         | 26                      | 30,1         | 30                      | 28,9         |
| May           | 17                      | 29,9         | 30                      | 28,5         |
| June          | 30                      | 30,          | 3                       | 29,3         |
| July          | 1                       | 29,9         | 6                       | 29,1         |
| August        | 16                      | 30,1         | 1                       | 29,4         |
| September     | 30                      | 30,1         | 20                      | 29,3         |
| October       | 26                      | 30,4         | 7                       | 28,9         |
| November      | 26                      | 30,1         | 17                      | 28,9         |
| December      | 10                      | 30,2         | 19                      | 29,          |



The Greatest RISE and FALL of Fahrenheit's THERMOMETER in the YEAR 1796.

| <i>Months.</i> | <i>Days of the Mon.</i> | <i>Rise.</i> | <i>Days of the Mon.</i> | <i>Fall.</i> |
|----------------|-------------------------|--------------|-------------------------|--------------|
| January        | 14                      | 54           | 30                      | 32           |
| February       | 19                      | 52           | 13                      | 33           |
| March          | 17                      | 55           | 5                       | 32           |
| April          | 28                      | 62           | 9                       | 44           |
| May            | 25                      | 68           | 3                       | 45           |
| June           | 26                      | 75           | 21                      | 53           |
| July           | 14                      | 68           | 27                      | 57           |
| August         | 22                      | 74           | 31                      | 54           |
| September      | 15                      | 68           | 30                      | 51           |
| October        | 5                       | 56           | 25                      | 37           |
| November       | 3                       | 54           | 30                      | 27           |
| December       | 30                      | 49           | 25                      | 16           |

---

## OBSERVATIONS on the WEATHER.

**T**HE Changes in the Atmosphere of this Island being more frequent than in the Southern, or even the more Northern Latitudes, I have set down in the following Table, the sudden transitions in the Temperature of the Air as they occurred in the Year 1796.

The first Column No. 1. is for the Months, No. 2. the Days of the Month, 3. State of the Thermometer, 4. Change from Cold to Heat, 5. from Heat to Cold, 6. Wind.

So that it will appear that on February 11, the Thermometer was at  $35^{\circ}$ , Wind at West, and on the 12th the Thermometer was up at  $50^{\circ}$ , which shews that the Air was  $15^{\circ}$  warmer than on the 11th, as noted in Column No. 4. Wind S. W. It will be seen that these Changes have happened within 24 hours.

| 1             | 2            | 3                                  | 4                                       | 5                                      | 6            |
|---------------|--------------|------------------------------------|---|--|--------------|
| <i>Months</i> | <i>Days.</i> | <i>State<br/>of the<br/>Therm.</i> | <i>Change<br/>fr. Cold<br/>to Heat.</i> | <i>Change<br/>f. Heat<br/>to Cold.</i> | <i>Wind.</i> |
| Feb.          | 11           | 35                                 |   |  | West         |
| Feb.          | 12           | 50                                 | 15                                      |  | S. W         |
| Feb.          | 13           | 33                                 |   | 17                                     | West         |
| Mar.          | 9            | 34                                 |   |  | East         |
| Mar.          | 10           | 45                                 | 11                                      |  | East         |
| Mar.          | 11           | 37                                 |   | 8                                      | East         |
| Mar.          | 12           | 44                                 | 7                                       |  | S. E.        |
| Mar.          | 18           | 52                                 |   |  | North        |
| Mar.          | 19           | 40                                 |   | 12                                     | N. E.        |
| Mar.          | 24           | 46                                 |   |  | West         |
| Mar.          | 25           | 34                                 |   | 12                                     | N. W.        |
| Mar.          | 26           | 48                                 | 14                                      |  | N. W.        |
| Mar.          | 27           | 33                                 |   | 15                                     | N. W.        |
| April         | 4            | 62                                 |   |  | S. E.        |
| April         | 5            | 51                                 |   | 11                                     | S. E.        |
| April         | 26           | 49                                 |   |  | N. E.        |
| April         | 27           | 60                                 | 11                                      |  | S. W.        |
| May           | 8            | 45                                 |   |  | N. E.        |
| May           | 9            | 58                                 | 13                                      |  | S. W.        |
| May           | 23           | 51                                 |   |  | N. E.        |
| May           | 24           | 64                                 | 13                                      |  | East         |
| June          | 4            | 54                                 |   |  | N. W.        |
| June          | 5            | 70                                 | 16                                      |  | N. W.        |
| * June        | 26           | 75.61                              |   |  | S. W.        |
| June          | 27           | 62                                 |   | 13                                     | West         |

\* June 26 an extraordinary Variation of  $14^{\circ}$  from Heat to Cold in eight Hours ; at 10 o'Clock in the Morning the Thermometer was at  $75^{\circ}$  at 6 in the Evening at  $61^{\circ}$ .

| 1             | 2            | 3                                  | 4                                      | 5                                      | 6            |
|---------------|--------------|------------------------------------|--|--|--------------|
| <i>Months</i> | <i>Days,</i> | <i>State<br/>of the<br/>Therm.</i> | <i>Change<br/>fr. Cold<br/>to Heat</i> | <i>Change<br/>f. Heat<br/>to Cold.</i> | <i>Wind.</i> |
| Aug.          | 21           | 62                                 |  | 13                                     | N. E.        |
| Aug.          | 22           | 74                                 | 12                                     |  | N. E.        |
| Oct.          | 23           | 51                                 |  |  | S. W.        |
| Oct.          | 24           | 39                                 |  | 12                                     | N. W.        |
| Nov.          | 3            | 54                                 |  |  | S. W.        |
| Nov.          | 4            | 43                                 |  | 11                                     | N. W.        |
| *Nov.         | 29           | 30, 44                             | 14                                     |  | N. W.        |
| Nov.          | 30           | 27                                 |  | 17                                     | N. W.        |
| Dec.          | 18           | 33                                 |  |  | N. E.        |
| Dec.          | 19           | 44                                 | 11                                     |  | N. E.        |
| Dec.          | 26           | 21                                 |  |  | S. E.        |
| Dec.          | 27           | 31                                 | 10                                     |  | S. E.        |
| Dec.          | 29           | 35                                 |  |  | S. E.        |
| Dec.          | 30           | 49                                 | 14                                     |  | S. W.        |

---

\* An extraordinary Variation of 14° from Cold to Heat in four Hours; at 9 o'Clock the Thermometer was at 30°, at 1, it stood at 44°.

*Excess of Cold in November and December,  
1796, when the Thermometer was below  
the Freezing Point.*

| <i>Days of<br/>the Mon.</i> | <i>State of the<br/>Thermometer.</i> | <i>Degrees below<br/>Freez. Point.</i> | <i>Wind.</i> |
|-----------------------------|--------------------------------------|--|--------------|
| Nov. 29                     | 30                                   | 2                                      | N. W.        |
| 30                          | 27                                   | 5                                      | N. W.        |
| Dec. 1                      | 25                                   | 7                                      | N. W.        |
| 2                           | 25                                   | 7                                      | N. W.        |
| 3                           | 31                                   | 1                                      | S. W.        |
| 4                           | 25                                   | 7                                      | West.        |
| 5                           | 30                                   | 2                                      | S. W.        |
| 6                           | 28                                   | 4                                      | N. W.        |
| 8                           | 25                                   | 7                                      | N. W.        |
| 9                           | 30                                   | 2                                      | N. W.        |
| 10                          | 31                                   | 1                                      | S. W.        |
| 21                          | 28                                   | 4                                      | S. W.        |
| 22                          | 21                                   | 11                                     | S. W.        |
| 23                          | 26                                   | 6                                      | North        |
| 24                          | 20                                   | 12                                     | N. W.        |
| 25                          | 16                                   | 16                                     | N. W.        |
| 26                          | 21                                   | 11                                     | S. E.        |
| 27                          | 31                                   | 1                                      | S. E.        |
| 28                          | 30                                   | 2                                      | S. E.        |



Mr. Van Swinden has observed that the greatest Cold, even that which exceeds 0, of Fahrenheit, if it lasts only a few days, penetrates no deeper than 20 inches even when the Earth is not covered with Snow, and not above 10 inches where Snow lies on the surface; by which we learn the important purposes this covering answers in high Northern Latitudes.\*

The Weather in the Summer was cold and wet; the two hottest days were on the 26th of June and the 22d of August, when the Thermometer was only at 75 and 74°; the beginning of the Winter was remarkably mild.

It appears that we have, generally, more Frost and Snow in January, February, and March, than in October, November, and December, which will be seen in the following Table; where I have given the number of days of Frost and Snow in those months for the last 12 Years; commencing with the year 1785, and continued to the end of the year 1796. The 1st column Years, 2d Months, the 3d marked *F.* and *S.* shews the number of days of Frost and Snow in each month, the 4th total number of Days in the three months; then follow the last three months marked as above.

---

\* Kirwan's Etti. of the Temp. of diff. Lat. p. 32.

| <i>Ys.</i> | <i>Mon.</i> | <i>F.</i> | <i>S.</i> | <i>Total.</i> | <i>Mon.</i> | <i>F.</i> | <i>S.</i> | <i>Total.</i> |
|------------|-------------|-----------|-----------|---------------|-------------|-----------|-----------|---------------|
| 1785       | Jan.        | 7-        | 6         | 51-23         | Oct.        | 3-        | 2         | 26- 9         |
|            | Feb.        | 22-       | 9         |               | Nov.        | 12-       | 3         |               |
|            | Mar.        | 22        | 8         |               | Dec.        | 11-       | 4         |               |
| 1786       | Jan.        | 10-       | 5         | 36-16         | Oct.        | 4-        | 0         | 23- 5         |
|            | Feb.        | 9-        | 3         |               | Nov.        | 4-        | 0         |               |
|            | Mar.        | 17-       | 8         |               | Dec.        | 15-       | 5         |               |
| 1787       | Jan.        | 12-       | 3         | 18- 4         | Oct.        | 3-        | 0         | 26- 4         |
|            | Feb.        | 3         | 0         |               | Nov.        | 14-       | 0         |               |
|            | Mar.        | 3-        | 1         |               | Dec.        | 9-        | 4         |               |
| 1788       | Jan.        | 9-        | 1         | 25-11         | Oct.        | 8-        | 0         | 43-13         |
|            | Feb.        | 5-        | 5         |               | Nov.        | 9-        | 1         |               |
|            | Mar.        | 11-       | 5         |               | Dec.        | 26-       | 12        |               |
| 1789       | Jan.        | 15-       | 6         | 34-19         | Oct.        | 2-        | 0         | 12- 0         |
|            | Feb.        | 3-        | 1         |               | Nov.        | 5-        | 0         |               |
|            | Mar.        | 16-       | 12        |               | Dec.        | 5-        | 0         |               |
| 1790       | Jan.        | 10-       | 1         | 23- 1         | Oct.        | 4-        | 0         | 19- 4         |
|            | Feb.        | 8-        | 0         |               | Nov.        | 6-        | 1         |               |
|            | Mar.        | 5-        | 0         |               | Dec.        | 9-        | 3         |               |
| 1791       | Jan.        | 8-        | 2         | 26- 5         | Oct.        | 5-        | 0         | 31- 8         |
|            | Feb.        | 10-       | 3         |               | Nov.        | 5-        | 0         |               |
|            | Mar.        | 8-        | 0         |               | Dec.        | 21-       | 8         |               |
| 1792       | Jan.        | 11-       | 2         | 27-10         | Oct.        | 3-        | 0         | 18- 3         |
|            | Feb.        | 8-        | 4         |               | Nov.        | 5-        | 0         |               |
|            | Mar.        | 8-        | 4         |               | Dec.        | 10-       | 3         |               |

| Yrs. | Mon. | F. | S. | Total. | Mon. | F. | S. | Total. |
|------|------|----|----|--------|------|----|----|--------|
| 1793 | Jan. | 11 | 1  |        | Oct. | 2  | 0  |        |
|      | Feb. | 8  | 1  |        | Nov. | 5  | 0  |        |
|      | Mar. | 10 | 2  | 29-4   | Dec. | 8  | 0  | 15-0   |
| 1794 | Jan. | 19 | 2  |        | Oct. | 5  | 0  |        |
|      | Feb. | 0  | 0  |        | Nov. | 8  | 0  |        |
|      | Mar. | 4  | 0  | 23-2   | Dec. | 16 | 2  | 29-2   |
| 1795 | Jan. | 26 | 12 |        | Oct. | 1  | 0  |        |
|      | Feb. | 15 | 7  |        | Nov. | 9  | 2  |        |
|      | Mar. | 5  | 7  | 46-26  | Dec. | 2  | 0  | 12-2   |
| 1796 | Jan. | 2  | 0  |        | Oct. | 5  | 0  |        |
|      | Feb. | 6  | 1  |        | Nov. | 3  | 1  |        |
|      | Mar. | 13 | 4  | 21-5   | Dec. | 17 | 1  | 25-2   |

|  | F.  | S.  |
|--|-----|-----|
| Total Frost and Snow in the three first Months — — — — — | 359 | 126 |
| Total in the three last — — —                            | 279 | 52  |
|  | 80  | 74  |

Hence it appears there have been in the last 12 years 80 days more of Frost, and 74 of Snow in January, February, and March, than in October, November, and December ; but, in the first and last Month in every Year, the number of days of Frost and Snow is as follows.

|      | F.  | S. |
|------|-----|----|
| Dec. | 149 | 42 |
| Jan. | 140 | 41 |

More in Dec. 9 - 1

---

*An extraordinary Appearance in the Lower Atmosphere.*

ON Sunday the 25th of December about 10 o'clock, A. M. there appeared floating in the atmosphere minute particles of Ice, which in about an hour became condensed and fell in Sleet, covering the surface of the ground with Ice. The cold was intense that morning, the Thermometer stood at 16, sixteen degrees below the freezing point ; the above phenomenon was never before seen but in very high latitudes.

It has been long the general opinion that Frost is more salutary in Winter than mild and open weather ; but the learned Dr. Heberden, jun. in a paper presented to the Royal Society, mentions a curious fact, that the excess of the mortality in January 1795, above that of 1796, was no less than 1352 persons ; a number (says the Doctor) sufficient surely, to awaken the attention of the greatest admirers of a Frosty Winter.

In Edwinstow, a village about six miles from Mansfield in a remarkable healthy and dry situation on Sherwood Forest, a contagious disorder broke out during the very hard Frost in  
December

December last, which proved to be a Scarlet Fever ; it carried off several children, and but very few houses of the poor people escaped the contagion. This is another proof that Frosty weather is not so salubrious as has been imagined ; but a further investigation must be left to the learned Faculty.

*FINIS.*



A  
CONTINUATION  
OF THE  
*ANNUAL*  
Meteorological Register,  
KEPT AT  
*MANSFIELD WOODHOUSE,*  
FROM THE YEAR  
1796,  
TO THE END OF THE YEAR  
1797.

---

*By H. R.*

---

---

NOTTINGHAM:

---

PRINTED AT S. TUPMAN'S MINERVA OFFICE.





## REGISTER of the WINDS for the Year 1797.

| MONTHS.      | EAST. | WEST. | NORTH | SOUTH | N. East. | S. East. | S. West. | N. West. |
|--------------|-------|-------|-------|-------|----------|----------|----------|----------|
| January, -   | 0     | 1     | 1     | 1     | 3        | 5        | 13       | 7        |
| February, -  | 0     | 0     | 0     | 1     | 1        | 3        | 22       | 1        |
| March, -     | 0     | 0     | 0     | 0     | 14       | 5        | 10       | 2        |
| April, -     | 1     | 2     | 2     | 2     | 8        | 6        | 6        | 3        |
| May, -       | 0     | 1     | 2     | 2     | 5        | 3        | 17       | 2        |
| June, -      | 2     | 0     | 0     | 0     | 10       | 3        | 6        | 9        |
| July, -      | 0     | 2     | 0     | 0     | 0        | 4        | 19       | 6        |
| August, -    | 0     | 3     | 0     | 0     | 0        | 2        | 22       | 4        |
| September, - | 2     | 5     | 0     | 1     | 1        | 2        | 12       | 7        |
| October, -   | 0     | 1     | 1     | 1     | 6        | 1        | 8        | 11       |
| November, -  | 1     | 5     | 1     | 1     | 3        | 3        | 6        | 7        |
| December, -  | 0     | 7     | 4     | 4     | 0        | 4        | 11       | 5        |
| Total,       | 6     | 27    | 11    | 13    | 51       | 41       | 152      | 64       |

# REGISTER of the WEATHER for the Year 1797.

[ 5 ]

| M O N T H S. | FROST. | SNOW. | RAIN. | FAIR. | HOT, or<br>MILD. | Thunder. |
|--------------|--------|-------|-------|-------|------------------|----------|
| January, - - | 9      | 0     | 6     | 25    | 5                | 0        |
| February, -  | 17     | 0     | 2     | 26    | 0                | 0        |
| March, - -   | 12     | 2     | 7     | 22    | 0                | 1        |
| April, - - - | 3      | 0     | 19    | 11    | 1                | 0        |
| May, - - -   | 1      | 0     | 19    | 12    | 2                | 3        |
| June, - - -  | 0      | 0     | 21    | 9     | 0                | 3        |
| July, - - -  | 0      | 0     | 13    | 18    | 9                | 5        |
| August, - -  | 0      | 0     | 19    | 12    | 0                | 2        |
| September,   | 4      | 0     | 15    | 15    | 0                | 0        |
| October, - - | 6      | 0     | 10    | 21    | 1                | 0        |
| November,*   | 7      | 2     | 4     | 24    | 2                | 0        |
| December, -  | 6      | 0     | 14    | 17    | 3                | 0        |
| Total,       | 65     | 4     | 149   | 212   | 23               | 14       |

• Nov. 29th, about Eleven o'Clock A. M. it began to snow, and by Eleven the next Morn, it was 14 Inches deep upon level Ground; there was no Wind.—On Dec. 1st it thawed.

*The greatest Rise & Fall of the BAROMETER in the Year 1797.*

| MONTHS.      | DAYS. | RISE.  | DAYS. | FALL.  |
|--------------|-------|--------|-------|--------|
| January, - - | 6     | 30 : 3 | 31    | 29 : 2 |
| February, -  | 9     | 30 : 4 | 14    | 29 : 0 |
| March, - -   | 21    | 30 : 1 | 27    | 29 : 2 |
| April, - -   | 9     | 29 : 9 | 3     | 29 : 0 |
| May, - -     | 23    | 30 : 1 | 4     | 29 : 0 |
| June, - -    | 6     | 30 : 1 | 1     | 29 : 3 |
| July, - -    | 10    | 30 : 1 | 6     | 29 : 3 |
| August, - -  | 24    | 29 : 9 | 18    | 29 : 2 |
| September,   | 10    | 29 : 8 | 20    | 29 : 0 |
| October, - - | 11    | 30 : 0 | 21    | 28 : 8 |
| November,    | 9     | 30 : 1 | 22    | 28 : 7 |
| December, -  | 25    | 30 : 1 | 12    | 28 : 8 |



*The greatest Rise and Fall of the THERMOMETER in the Year 1797.*

| MONTHS.       | DAYS. | RISE. | DAYS. | FALL. |
|---------------|-------|-------|-------|-------|
| January, - -  | 20    | 52    | 11    | 28    |
| February, - - | 1     | 52    | 17    | 30    |
| March, - -    | 26    | 49    | 1     | 33    |
| April, - -    | 25    | 59    | 6     | 38    |
| May, - -      | 25    | 75    | 10    | 38    |
| June, - -     | 29    | 70    | 20    | 49    |
| July, - -     | 26    | 80    | 1     | 59    |
| August, - -   | 8     | 70    | 13    | 58    |
| September,    | 1     | 65    | 26    | 51    |
| October, - -  | 3     | 56    | 28    | 33    |
| November, -   | 14    | 51    | 25    | 24    |
| December, -   | 28    | 47    | 11    | 32    |

*Excess of Cold in the Year 1797, when the Thermometer was below the Freezing Point.*

| Months, and Days thereof | State of the Thermom. | Deg. below the Freezing Point. | WIND. |
|--------------------------|-----------------------|--------------------------------|-------|
| <i>Jan.</i> 11,          | 28                    | 4                              | S. E. |
| — 13,                    | 31                    | 1                              | S. W. |
| — 16,                    | 30                    | 2                              | N. W. |
| — 17,                    | 30                    | 2                              | N. W. |
| — 25,                    | 31                    | 1                              | S. W. |
| <i>Feb.</i> 15,          | 31                    | 1                              | N. W. |
| — 17,                    | 30                    | 2                              | S. W. |
| — 18,                    | 30                    | 2                              | S. W. |
| <i>Nov.</i> 23,          | 31                    | 1                              | W.    |
| — 24,                    | 28                    | 4                              | W.    |
| — 25,                    | 24                    | 8                              | N. W. |
| <i>Dec.</i> 3,           | 30                    | 2                              | W.    |
| — 4,                     | 30                    | 2                              | S.    |
| — 24,                    | 30                    | 2                              | N. W. |

A  
T A B L E

*Of the sudden Transitions in the Temperature of the  
Air, as they occurred in the Year 1797.*

Column No. 1, the Months; 2, the Days of the Month;  
3, State of the Thermometer; 4, Change from Cold to  
Heat; 5, from Heat to Cold, (in Degrees;) 6, Wind.

N. B. Changes below ten Degrees are not noted.

| 1                 | 2     | 3      | 4                  | 5                  | 6     |
|-------------------|-------|--------|--------------------|--------------------|-------|
| MONTHS.           | DAYS. | Therm. | Change<br>to Heat. | Change<br>to Cold. | WIND. |
| <i>January</i> .  | 19    | 41°    |                    |                    | S. W. |
| — .               | 20    | 52     | 11                 |                    | S. W. |
| <i>May</i> . . .  | 12    | 44     |                    |                    | S. E. |
| — . . .           | 13    | 54     | 10                 |                    | S. W. |
| — . . .           | 25    | 75     |                    |                    | S.    |
| — . . .           | 26    | 58     |                    | 17                 | S. W. |
| <i>June</i> . . . | 2     | 60     |                    |                    | S. W. |
| — . . .           | 3     | 50     |                    | 10                 | N. W. |
| — . . .           | 5     | 58     |                    |                    | N. E. |
| — . . .           | 6     | 69     | 11                 |                    | S. E. |
| — . . .           | 7     | 56     |                    | 13                 | N. W. |
| — . . .           | 19    | 70     |                    |                    | N. W. |
| — . . .           | 20    | 49     |                    | 21                 | N. E. |
| — . . .           | 21    | 51     |                    |                    | S. E. |
| — . . .           | 22    | 62     | 11                 |                    | S. E. |

CARRIED FORWARD.

## BROUGHT FORWARD.

| 1                      | 2     | 3      | 4                  | 5                  | 6            |
|------------------------|-------|--------|--------------------|--------------------|--------------|
| MONTHS.                | DAYS. | Therm. | Change<br>to Heat. | Change<br>to Cold. | WIND.        |
| <i>June</i> . . . . .  | 23    | 66     |                    |                    | <i>E.</i>    |
| — . . . .              | 24    | 53     |                    | 13                 | <i>N. W.</i> |
| <i>July</i> . . . . .  | 17    | 74     |                    |                    | <i>S. W.</i> |
| — . . . .              | 18    | 62     |                    | 12                 | <i>S. W.</i> |
| — . . . .              | 25    | 70     |                    |                    | <i>W.</i>    |
| — . . . .              | 26    | 80     | 10                 |                    | <i>S. W.</i> |
| — . . . .              | 28    | 78     |                    |                    | <i>S. E.</i> |
| — . . . .              | 29    | 64     |                    | 14                 | <i>S. E.</i> |
| <i>August</i> . . . .  | 7     | 61     |                    |                    | <i>S. W.</i> |
| — . . . .              | 8     | 71     | 10                 |                    | <i>S. W.</i> |
| <i>October</i> . . . . | 27    | 45     |                    |                    | <i>N. W.</i> |
| — . . . .              | 28    | 33     |                    | 12                 | <i>N. E.</i> |
| <i>Nov.</i> . . . . .  | 13    | 39     |                    |                    | <i>S. W.</i> |
| — . . . .              | 14    | 51     | 12                 |                    | <i>S. W.</i> |
| — . . . .              | 18    | 43     |                    |                    | <i>N. W.</i> |
| — . . . .              | 19    | 32     |                    | 11                 | <i>N. W.</i> |
| — . . . .              | 25    | 24     |                    |                    | <i>N. W.</i> |
| — . . . .              | 26    | 48     | 24                 |                    | <i>S. W.</i> |
| <i>Dec.</i> . . . . .  | 4     | 30     |                    |                    | <i>S.</i>    |
| — . . . .              | 5     | 46     | 16                 |                    | <i>S. W.</i> |
| — . . . .              | 11    | 32     |                    |                    | <i>N. W.</i> |
| — . . . .              | 12    | 42     | 10                 |                    | <i>S. W.</i> |
| — . . . .              | 15    | 35     |                    |                    | <i>S. W.</i> |
| — . . . .              | 16    | 46     | 11                 |                    | <i>S. W.</i> |
| — . . . .              | 20    | 45     |                    |                    | <i>W.</i>    |
| — . . . .              | 21    | 33     |                    | 12                 | <i>S. E.</i> |
| — . . . .              | 25    | 32     |                    |                    | <i>S. W.</i> |
| — . . . .              | 26    | 47     | 15                 |                    | <i>S. W.</i> |

*Quantity of Rain which fell at the following Places.*


---



---

| YEARS. | LONDON  | West<br>Bridgford,<br>NOTTS. | Lancaster. | Kendal. |
|--------|---------|------------------------------|------------|---------|
|        | INCHES, |                              |            |         |
| 1794—  | 23—32   | 26—27                        | 50—81      | 69—65   |
| 1795—  | 18—15   | 24—64                        | 48—98      | 57—98   |
| 1796—  | 17—26   | 19—16                        | 36—42      | 45—24   |

---



---

*On HEAT and COLD.*


---



---

THE learned Mr. WILLIAM JONES, F. R. S. tells us, “ That the common Changes of the Seasons in England, are comprehended within 60 degrees of Fahrenheit’s thermometer, from 16 to 76 : in which interval, the mean degree of heat for the Winter quarter is 31 ; the

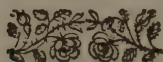
mean

mean degree for the Vernal equinox 43 ; for the Autumnal, 48 ; for the Summer quarter, 61. I set down these, as they were found, from a series of my own observations. The Noon-day heat of what we call the Summer air, is at 76 ; but the extraordinary heat of the Summer air, goes to 80 and upwards.” \*

In his Scale of the Degrees of Heat and Cold, he puts down, “ Hottest air in England, 86 ; very hard Frost, 16.”

---

\* JONES' Physiological Disquisitions,—p. 166.





*Number of Days of Frost and Snow in Jan. Feb. & March, compared with those of Oct. Nov. & Dec.*

F.—FROST, S.—SNOW.

| Y E A R.     | M O N T H S.       | F. | S. | M O N T H S.       | F. | S. |
|--------------|--------------------|----|----|--------------------|----|----|
| 1797         | <i>January, ..</i> | 9  | 0  | <i>October, ..</i> | 6  | 0  |
|              | <i>February, .</i> | 17 | 0  | <i>November, .</i> | 7  | 2  |
|              | <i>March, ...</i>  | 12 | 2  | <i>December, .</i> | 6  | 0  |
| <i>Total</i> | - - - - -          | 38 | 2  | - - - - -          | 19 | 2  |

R E M A R K S *on the* W E A T H E R.

WE had this year a backward Spring ; the Summer was cold, wet, and changeable : the hottest day was on the 26th of July, when the Thermometer was at 80 degrees, and at

76.

76.—Summer heat, only four days in this year.

The Autumn was cold and unpleasant ; the weather frequently changing from frost to rain. On the 7th, 8th, 10th, 11th, and 12th of November, a remarkable thick Fog continued day and night.

---

*The Effects of a TORNADO or HURRICANE, which happened near WORKSOP in Nottinghamshire, on the 23d of July 1797, about One o'Clock P. M.*

---

ITS course was in a northeast direction ; and its violence was first perceived on the Forest, between Workop and Manton, where it stript large Branches from Oak and other Trees, scattering them to considerable distances ; taking up Cocks and even Stacks of Hay,

Hay, driving them in every direction ; and a wooden Barn there was unroofed and thrown down.

At Kelton, a little further to the northeast, a small Cottage and an Outhouse were unroofed ; and all the Appletrees in an Orchard adjoining, torn up by the Roots.

The Storm going on from thence with encreased violence, tearing up some Trees, splitting others, and destroying every thing in its way, till arriving at a plantation of Spruce Firs, near Scofton, belonging to Mr. SUTTON, where it cut an avenue through it, about 30 yards wide, and threw down every tree in its course, except one, which has unaccountably stood, tho' in the very centre of its progress.

This remarkable Hurricane or Whirlwind, did not seem to extend above three miles in length, and about 100 yards in breadth.

On the day it happened, and on the preceding one, the Claps of Thunder, with vivid Lightning, were frequent and violent: the atmosphere seemed to be strongly impregnated with the Electric Fluid, which, by its action, might rarefy the air in a partial or local manner, and thus occasion the above-mentioned effects, till the Equilibrium was restored.



A  
CONTINUATION  
OF THE  
*ANNUAL*  
Meteorological Register,  
KEPT AT  
*MANSFIELD WOODHOUSE,*  
FROM THE YEAR  
1797,  
TO THE END OF THE YEAR  
1798.

---

*By H. R.*

---

---

NOTTINGHAM:

---

PRINTED BY S. TUPMAN, SMITHY-ROW.







*Register of the WINDS for the Year 1798.*

[ 4 ]

| MONTHS.         | EAST. | WEST. | North. | South. | N. East. | S. East. | S. West. | N. West. |
|-----------------|-------|-------|--------|--------|----------|----------|----------|----------|
| January, .....  | 0     | 4     | 3      | 0      | 4        | 4        | 13       | 3        |
| February, ..... | 0     | 8     | 0      | 0      | 0        | 0        | 11       | 9        |
| March, .....    | 2     | 1     | 8      | 0      | 4        | 1        | 6        | 9        |
| April, .....    | 1     | 1     | 0      | 2      | 4        | 9        | 11       | 2        |
| May, .....      | 1     | 1     | 1      | 2      | 7        | 7        | 8        | 4        |
| June, .....     | 0     | 4     | 0      | 0      | 3        | 6        | 10       | 7        |
| July, .....     | 0     | 6     | 0      | 1      | 0        | 0        | 18       | 6        |
| August, .....   | 0     | 7     | 3      | 2      | 5        | 4        | 7        | 3        |
| September, ...  | 0     | 3     | 1      | 2      | 5        | 0        | 12       | 7        |
| October, .....  | 2     | 0     | 0      | 0      | 2        | 1        | 19       | 7        |
| November, ...   | 2     | 4     | 2      | 3      | 2        | 3        | 8        | 6        |
| December, ...   | 10    | 1     | 2      | 1      | 3        | 5        | 7        | 2        |
| <i>Total,</i>   | 18    | 40    | 20     | 13     | 39       | 40       | 130      | 65       |

*Register of the WEATHER for the Year 1798.*

| MONTHS.        | FROST. | SNOW. | RAIN. | FAIR. | Hot or Mild. | Thunder. |
|----------------|--------|-------|-------|-------|--------------|----------|
| January,.....  | 12     | 2     | 8     | 21    | 3            | 0        |
| February,..... | 16     | 2     | 5     | 21    | 10           | 0        |
| March,.....    | 12     | 2     | 6     | 23    | 0            | 0        |
| April,.....    | 4      | 0     | 10    | 20    | 5            | 2        |
| May, .....     | 1      | 0     | 11    | 20    | 8            | 0        |
| June,.....     | 2      | 0     | 5     | 25    | 4            | 0        |
| July, .....    | 0      | 0     | 25    | 6     | 0            | 3        |
| August,.....   | 0      | 0     | 10    | 21    | 0            | 2        |
| September,...  | 1      | 0     | 14    | 16    | 0            | 1        |
| October,.....  | 4      | 0     | 15    | 16    | 0            | 0        |
| November,....  | 9      | 1     | 11    | 18    | 0            | 0        |
| December,....  | 16     | 3     | 7     | 21    | 0            | 0        |
| <i>Total,</i>  | 77     | 10    | 127   | 228   | 30           | 8        |

# *The greatest Rise and Fall of the BAROMETER in the Year 1798.*

[ 6 ]

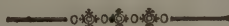
| MONTHS.       | DAYS.           | RISE. | DAYS.       | FALL. |
|---------------|-----------------|-------|-------------|-------|
| January,..... | 8th.            | 30. 2 | 18th, 31st, | 28. 7 |
| February,*... | 6, 7, 8.        | 30. 3 | 22.         | 28. 8 |
| March,.....   | 3, 4.           | 30.   | 17, 18.     | 29.   |
| April,.....   | 9.              | 30. 1 | 5.          | 29.   |
| May,.....     | 21, 22.         | 30. 2 | 12, 14.     | 29.   |
| June,.....    | 8.              | 30. 2 | 20, 21.     | 29. 3 |
| July,.....    | 28, 29.         | 29. 9 | 16, 21.     | 29. 1 |
| August,.....  | 21, 26, 27, 28. | 30.   | 4, 10, 13.  | 29. 4 |
| September,... | 1.              | 29. 9 | 27.         | 28. 7 |
| October,..... | 7.              | 30.   | 30.         | 28. 9 |
| November,...  | 17.             | 29. 9 | 8,          | 28. 5 |
| December,...  | 24.             | 30. 3 | 3.          | 28. 9 |

\* The three Figures 6, 7, 8, in the Column of Days for February shew that on those 3 Days the Barometer was stationary at 30 inches 3 lines: the same is continued in the Table of the Rise and Fall of the Thermometer.

*The greatest Rise and Fall of the THERMOMETER for the Year 1798.*

| MONTHS.        | DAYS.       | RISE. | DAYS.      | FALL. |
|----------------|-------------|-------|------------|-------|
| January,.....  | 21st.       | 49    | 8th. 10th. | 29    |
| February,..... | 15          | 51    | 17 18      | 27    |
| March,.....    | 5           | 53    | 31         | 32    |
| April,.....    | 28          | 64    | 1          | 40    |
| May,.....      | 25          | 79    | 1          | 46    |
| June,.....     | 12          | 80    | 1          | 60    |
| July,.....     | 18          | 76    | 6 8 21     | 61    |
| August,.....   | 18          | 74    | 29         | 58    |
| September,...  | 3           | 67    | 28         | 44    |
| October,.....  | 10          | 59    | 29         | 41    |
| November,...   | 1           | 55    | 21         | 27    |
| December,...   | 17. and 18. | 41    | 28         | 11    |

*Excess of Cold in the Year 1798, when the Thermometer was below the Freezing Point.*



| MONTHS.<br>and Days<br>thereof. | State of<br>the<br>Thermom. | Deg. below<br>the Freez-<br>ing Point. | WIND. |
|---------------------------------|-----------------------------|--|-------|
| <i>Jan.</i> 8                   | 29                          | 3                                      | S. E. |
| — 9                             | 31                          | 1                                      | S. E. |
| — 10                            | 29                          | 3                                      | S. W. |
| <i>Feb.</i> 17                  | 27                          | 5                                      | N. W. |
| — 18                            | 27                          | 5                                      | N. W. |
| — 19                            | 28                          | 4                                      | N. W. |
| — 20                            | 29                          | 3                                      | S. W. |
| <i>Nov.</i> 21                  | 27                          | 5                                      | E.    |
| <i>Dec.</i> 13                  | 30                          | 2                                      | E.    |
| — 14                            | 30                          | 2                                      | E.    |
| — 20                            | 31                          | 1                                      | N.    |
| — 21                            | 31                          | 1                                      | S. W. |
| — 24                            | 27                          | 5                                      | E.    |
| — 25                            | 26                          | 6                                      | E.    |
| — 26                            | 20                          | 12                                     | E.    |
| — 27 *                          | 12                          | 20                                     | S. E. |
| — 28                            | 11                          | 21                                     | N. W. |
| — 29                            | 25                          | 7                                      | S. W. |
| — 30                            | 30                          | 2                                      | S. W. |
| — 31                            | 26                          | 6                                      | N. E. |

\* On the 27th, at 9 at night, the Thermometer was at 8 Degrees ;

24 Degrees below the Freezing Point.



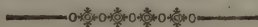
*The mean Height of the lower Term of Congelation  
in Latitude 52 is most probably in*

| MONTHS.     | FEET. | MONTHS.     | FEET. |
|-------------|-------|-------------|-------|
| January --- | 1800  | July -----  | 10380 |
| February--  | 3084  | August ---- | 10166 |
| March ----  | 4314  | September   | 8268  |
| April-----  | 5400  | October --- | 6240  |
| May-----    | 7369  | November    | 3715  |
| June-----   | 9480  | December-   | 2770  |



A  
T A B L E

*Of the sudden Transitions in the Temperature of the  
Air, as they occurred in the Year 1798.*



Column No. 1, the Months; 2, the Days of the Month;  
3, State of the Thermometer; 4, Change from Cold to  
Heat; 5, from Heat to Cold, in Degrees; 6, Wind.

N. B. *Changes under ten Degrees are not noted.*



| 1                    | 2     | 3      | 4                  | 5                  | 6     |
|----------------------|-------|--------|--------------------|--------------------|-------|
| MONTHS.              | DAYS. | Therm. | Change<br>to Heat. | Change<br>to Cold. | WIND. |
| <i>January</i> ..... | 22    | 47     | —                  | —                  | S. W. |
| —                    | 23    | 35     | —                  | 12                 | S. W. |
| <i>February</i> .... | 9     | 34     | —                  | —                  | W.    |
| —                    | 10    | 45     | 11                 | —                  | W.    |
| —                    | 15    | 51     | —                  | —                  | N. W. |
| —                    | 16    | 37     | —                  | 14                 | W.    |
| <i>March</i> .....   | 10    | 46     | —                  | —                  | N. W. |
| —                    | 11    | 33     | —                  | 13                 | N. W. |
| —                    | 30    | 43     | —                  | —                  | N. E. |
| —                    | 31    | 32     | —                  | 11                 | N. W. |
| <i>April</i> .....   | 28    | 64     | —                  | —                  | S. E. |
| —                    | 29    | 46     | —                  | 18                 | N. E. |
| <i>May</i> .....     | 28    | 68     | —                  | —                  | N. E. |
| —                    | 29    | 55     | —                  | 13                 | N. E. |

CARRIED FORWARD.

## BROUGHT FORWARD.

| 1                  | 2     | 3      | 4                  | 5                  | 6     |
|--------------------|-------|--------|--------------------|--------------------|-------|
| MONTHS.            | DAYS. | Therm. | Change<br>to Heat. | Change<br>to Cold. | WIND. |
| <i>June</i> .....  | 4     | 63     | —                  | —                  | S. W. |
| —                  | 5     | 75     | 12                 | —                  | W.    |
| <i>July</i> .....  | 17    | 64     | —                  | —                  | N. W. |
| —                  | 18    | 75     | 11                 | —                  | N. W. |
| —                  | 28    | 63     | —                  | —                  | N. W. |
| —                  | 29    | 73     | 10                 | —                  | N. W. |
| <i>Aug.</i> .....  | 2     | 66     | —                  | —                  | W.    |
| —                  | 3     | 56     | —                  | 10                 | S.    |
| —                  | 4     | 66     | 10                 | —                  | W.    |
| —                  | 9     | 70     | —                  | —                  | S. W. |
| —                  | 10    | 60     | 10                 | —                  | S. W. |
| <i>Sept.</i> ..... | 29    | 49     | —                  | —                  | N. E. |
| —                  | 30    | 59     | 10                 | —                  | N. W. |
| <i>Oct.</i> .....  | 1     | 49     | —                  | 10                 | N. W. |
| —                  | 25    | 42     | —                  | —                  | S. W. |
| —                  | 26    | 55     | 13                 | —                  | S. W. |
| <i>Nov.</i> .....  | 5     | 54     | —                  | —                  | S.    |
| —                  | 6     | 43     | —                  | 11                 | W.    |
| —                  | 26    | 34     | —                  | —                  | S. W. |
| —                  | 27    | 50     | 16                 | —                  | S. W. |
| <i>Dec.</i> .....  | 23    | 39     | —                  | —                  | E.    |
| —                  | 24    | 27     | —                  | 12                 | E.    |
| —                  | 26    | 20     | —                  | —                  | E.    |
| —                  | 27    | 12     | —                  | 10                 | S. E. |
| —                  | 28    | 11     | —                  | —                  | N. W. |
| —                  | 29    | 25     | 14                 | —                  | S. W. |

*No. of Days of Frost & Snow in Jan. Feb. & March,  
compared with those in Oct. Nov. and Dec.*

F. Frost,———S. Snow.

| YEAR.        | Months.         | F.    | S.     | Months.          | F. | S.  |
|--------------|-----------------|-------|--------|------------------|----|-----|
| 1798         | <i>Jan.....</i> | 12    | 2      | <i>Oct. ....</i> | 4  | 0   |
|              | <i>Feb.....</i> | 16    | 2      | <i>Nov....</i>   | 9  | 1   |
|              | <i>March.</i>   | 12    | 3      | <i>Dec.....</i>  | 16 | 3   |
| <i>Total</i> |                 | - - - | 40 - 7 | - - -            | 29 | - 4 |

*Quantity of Rain which fell at the following Places  
in the Year 1798.*

| London.          | West<br>Bridgford,<br>Notts. | Lancaster. | Kendal. |
|------------------|------------------------------|------------|---------|
| INCHES.<br>26—22 | 27—22                        | 48—19      | 60—85   |



## REMARKS *on the* WEATHER.



IT will appear in the preceding Tables, that there were in the year 1785, 87 days of Frost, and in 1795, 66 days; in this year 1798, there have been 77 days of Frost, which are more than appear to have been in any one year since the above-mentioned year 1785, but it will be found, in looking over the Table of Excess of Cold in 1795, that there were 32 days when the Thermometer was below the Freezing Point. In the Table of Cold for the year 1798, it will be seen that there were only 20 days

days in which the Thermometer was below that point, but on the 27th of December, at 9 o'clock A. M. it was at  $12^{\circ}$ , 20 degrees below, and at 9 at night it stood at  $8^{\circ}$ , 24 degrees below; on the 28th, the Thermometer at 9 o'clock A. M. was at  $11^{\circ}$ , 21 degrees below the Freezing Point. Hence it appears that the Cold was more severe on the 27th and 28th of December than at any time in the year 1795.

In March, April and May, there were 63 days without Rain, which are 18 more than appear to have been in the year 1797, and notwithstanding the dryness of the season, this spring was forwarder than the last, which may probably be owing to the ten days of very mild weather in February.

The



The summer was pleasant, from being rather temperate than hot. On the 25th of May the Thermometer was at  $79^{\circ}$ ; on the 12th of June as high as  $80^{\circ}$ ; on the 13th at  $77^{\circ}$ , and on the 18th of July at  $76^{\circ}$ :—these were the only four days this year of Summer Heat.

The year 1798 has been remarkable for the number of sudden Transitions in the Temperature of the Air, as will appear by the Table.

Upon the whole, the Weather has been favourable to Vegetation: there has not been, for several years, a more plentiful Harvest; but the crops of Hay, in this part of Nottinghamshire, were thin.——The Kitchen Gardens produced plenty of good Fruit of all Kinds.

The foliage of the Oaks, Elms, Beeches, and Ashes, were uncommonly thick, and continued longer than usual;—the Oaks had a great quantity of Acorns.

The year closed with indications of a continuance of Frost; the Barometer on the 30th and 31st was at 30 inches and 2 lines, and the Thermometer on the 31st, 6 degrees below the Freezing Point.



A  
CONTINUATION  
OF THE  
*ANNUAL*  
Meteorological Register,  
KEPT AT  
*MANSFIELD WOODHOUSE,*  
FROM THE YEAR  
1798,  
TO THE END OF THE YEAR  
1799.

---

*By H. R.*

---

---

NOTTINGHAM:

---

PRINTED BY SAMUEL TUPMAN.





# REGISTER OF THE WINDS FOR THE YEAR 1799.

[ 4 ]

| MONTHS.       | EAST. | WEST. | North. | South. | N. E. | S. E. | S. W. | N. W. |
|---------------|-------|-------|--------|--------|-------|-------|-------|-------|
| January, - -  | 2     | 2     | 0      | 5      | 2     | 1     | 13    | 6     |
| February, - - | 0     | 4     | 1      | 3      | 2     | 4     | 11    | 3     |
| March, - -    | 2     | 2     | 4      | 4      | 8     | 6     | 4     | 1     |
| April, - -    | 1     | 1     | 6      | 0      | 4     | 7     | 7     | 4     |
| May, - -      | 3     | 9     | 1      | 0      | 7     | 1     | 6     | 4     |
| June, - -     | 1     | 2     | 1      | 0      | 10    | 0     | 10    | 6     |
| July, - -     | 2     | 3     | 3      | 0      | 1     | 1     | 14    | 7     |
| August, - -   | 0     | 9     | 1      | 2      | 1     | 1     | 14    | 3     |
| September, -  | 0     | 3     | 2      | 1      | 1     | 6     | 10    | 7     |
| October, - -  | 0     | 2     | 2      | 2      | 2     | 6     | 14    | 3     |
| November, -   | 0     | 9     | 0      | 3      | 1     | 6     | 9     | 2     |
| December, -   | 1     | 0     | 3      | 0      | 12    | 7     | 1     | 7     |
| <i>Total,</i> | 12    | 46    | 24     | 20     | 51    | 46    | 113   | 53    |



# REGISTER of the WEATHER for the Year 1799.

| MONTHS.      | Frost. | Snow. | Rain. | Fair. | Hot or Mild. | Thunder. | Rain which fell at West Bridgford, Notts. in 1799. |       |
|--------------|--------|-------|-------|-------|--------------|----------|--|-------|
|              |        |       |       |       |              |          | Inches.  | T. H. |
| January, - - | 19     | 2     | 5     | 24    | 0            | 0        | 1,   | 69    |
| February, -  | 11     | 10    | 4     | 14    | 1            | 1        | 2,   | 85    |
| March, - -   | 10     | 3     | 7     | 21    | 0            | 0        | 1,   | 30    |
| April, - - - | 3      | 6     | 11    | 13    | 1            | 1        | 2,   | 92    |
| May, - - -   | 1      | 0     | 14    | 17    | 0            | 0        | 1,   | 75    |
| June, - - -  | 4      | 0     | 7     | 23    | 0            | 0        | —,   | 76    |
| July, - - -  | 1      | 0     | 15    | 16    | 0            | 2        | 2,   | 59    |
| August, - -  | 1      | 0     | 23    | 8     | 0            | 3        | 5,   | 6     |
| September, - | 2      | 0     | 10    | 20    | 0            | 1        | 4,   | 90    |
| October, - - | 6      | 0     | 13    | 18    | 0            | 0        | 2,   | 21    |
| November, -  | 4      | 0     | 12    | 18    | 0            | 0        | 1,   | 62    |
| December, -  | 16     | 5     | 9     | 17    | 0            | 0        | —,   | 80    |
| Total,       | 78     | 26    | 130   | 209   | 2            | 8        | 28   | 45    |

*The greatest Rise and Fall of the BAROMETER in the Year 1799.*

| MONTHS.      | DAYS.       |          | RISE. | DAYS.   |   | FALL. |
|--------------|-------------|----------|-------|---------|---|-------|
| January, - - | 1.          | 2. 3. 4. | 30.1  | 23.     | - | 28.9  |
| February, -  | 8.          | 10. 25.  | 29.8  | 16.     | - | 28.7  |
| March, - -   | 7.          | - - -    | 30.1  | 20. 27. | - | 29.1  |
| April, - -   | 14.         | - - -    | 30.   | 10.     | - | 28.5  |
| May, - -     | 16.         | - - -    | 30.1  | 19. 20. | - | 29.2  |
| June, - -    | 7. 8.       | 11. -    | 30.1  | 3.      | - | 29.2  |
| July, - -    | 5. 6. 7.    | - - -    | 29.8  | 18.     | - | 29.   |
| August, - -  | 8. 26.      | - - -    | 29.8  | 17.     | - | 28.9  |
| September, - | 6.          | - - -    | 30.1  | 22.     | - | 28.8  |
| October, - - | 27. 28.     | - - -    | 30.   | 4.      | - | 29.   |
| November, -  | 20. 21. 22. | - - -    | 30.1  | 1.      | - | 28.5  |
| December, -  | 31.         | - - -    | 30.3  | 2.      | - | 29.   |

*The greatest Rise and Fall in the THERMOMETER in the Year 1799.*

| MONTHS.      | DAYS. |     | RISE. | DAYS. |     | FALL. |
|--------------|-------|-----|-------|-------|-----|-------|
| January, -   | 19.   | -   | 44.   | 28.   | 30. | 24.   |
| February, -  | 27.   | -   | 49.   | 3.    | 8.  | 23.   |
| March, -     | 1.    | -   | 50.   | 31.   | -   | 27.   |
| April, -     | 10.   | -   | 54.   | 4.    | -   | 30.   |
| May, -       | 28.   | -   | 61.   | 14.   | -   | 40.   |
| June, -      | 8.    | -   | 72.   | 11.   | -   | 49.   |
| July, -      | 6.    | 12. | 67.   | 28.   | -   | 52.   |
| August, -    | 4.    | 6.  | 67.   | 9.    | -   | 54.   |
| September, - | 4.    | -   | 68.   | 30.   | -   | 48.   |
| October, -   | 7.    | 8.  | 56.   | 27.   | -   | 38.   |
| November, -  | 2.    | 12. | 53.   | 10.   | -   | 32.   |
| December, -  | 1.    | -   | 49.   | 31.   | -   | 10.   |

*Excess of Cold in the Year 1799, when the Thermometer was below the Freezing Point.*

| Days of the Month. | State of the Thermom. | Deg. below the Freezing Point. | WIND. | Degrees below the Freezing Point at 9 o'cl. P. M. |
|--------------------|-----------------------|--------------------------------|-------|---|
| <i>Jan.</i> 1      | 30                    | 2                              | E.    | 2   |
| — 2                | 27                    | 5                              | S. W. | 5   |
| — 3                | 27                    | 5                              | N. E. | 5   |
| — 4                | 30                    | 2                              | E.    | 5   |
| — 5                | 29                    | 3                              | S. W. | 7   |
| — 9                | 29                    | 3                              | S. W. | 5   |
| — 10               | 31                    | 1                              | S. W. | 4   |
| — 12               | 28                    | 4                              | S. W. | 5   |
| — 25               | 31                    | 1                              | S. W. | 4   |
| — 28               | 24                    | 8                              | N. W. | 9   |
| — 29               | 27                    | 5                              | W.    | 7   |
| — 30               | 24                    | 8                              | N. E. | 14  |
| — 31               | 24                    | 8                              | N. E. | 14  |
| <i>Feb.</i> 1      | 26                    | 6                              | S. E. | 8   |
| — 2                | 27                    | 5                              | N.    | 7   |
| — 3                | 23                    | 9                              | N. W. | 15  |
| — 4                | 29                    | 3                              | N. W. | 5   |

CARRIED FORWARD.

BROUGHT FORWARD.

|              |    |    |    |       |    |
|--------------|----|----|----|-------|----|
| <i>Feb.</i>  | 5  | 27 | 5  | S. E. | 6  |
| —            | 6  | 25 | 7  | S. E. | 10 |
| —            | 7  | 25 | 7  | S.    | 14 |
| —            | 8  | 23 | 9  | S.    | 15 |
| —            | 9  | 25 | 7  | S.    | 2  |
| —            | 12 | 31 | 1  | N. W. | 1  |
| <i>March</i> | 30 | 29 | 3  | E.    | 5  |
| —            | 31 | 27 | 5  | E.    | 6  |
| <i>April</i> | 4  | 30 | 2  | S. E. | 5  |
| <i>Dec.</i>  | 18 | 31 | 1  | N. E. | 1  |
| —            | 19 | 22 | 10 | N. E. | 12 |
| —            | 20 | 27 | 5  | N. E. | 17 |
| —            | 21 | 25 | 7  | N. E. | 10 |
| —            | 27 | 30 | 2  | N. E. | 6  |
| —            | 28 | 17 | 15 | N. E. | 11 |
| —            | 29 | 28 | 4  | N. W. | 4  |
| —            | 30 | 24 | 8  | S. E. | 22 |
| —            | 31 | 10 | 22 | S. E. | 22 |



## A T A B L E

*Of the sudden Transitions in the Temperature of the Air, as they occurred in the Year 1799.*

Column No. 1, Months; 2, Days of the Month; 3, State of the Thermometer; 4, Change from Cold to Heat; 5, from Heat to Cold, in Degrees; 6, Wind.

N. B. Changes under 10 Degrees are not noted.

| 1               | 2     | 3       | 4                     | 5                     | 6     |
|-----------------|-------|---------|-----------------------|-----------------------|-------|
| Months.         | Days. | Thermr. | Change<br>to<br>HEAT. | Change<br>to<br>COLD. | Wind. |
| <i>February</i> | 9     | 25      |                       |                       | S.    |
|                 | 10    | 37      | 12                    |                       | S. W. |
|                 | 18    | 34      |                       |                       | S. E. |
|                 | 19    | 45      | 11                    |                       | W.    |
| <i>April</i>    | 28    | 54      |                       |                       | W.    |
|                 | 29    | 40      |                       | 14                    | N.    |
| <i>May</i>      | 1     | 55      |                       |                       | W.    |
|                 | 2     | 43      |                       | 12                    | E.    |
|                 | 13    | 50      |                       |                       | N. E. |
|                 | 14    | 40      |                       | 10                    | N. E. |
| <i>June</i>     | 7     | 62      |                       |                       | S. W. |
|                 | 8     | 72      | 10                    |                       | S. W. |
|                 | 10    | 62      |                       |                       | N. E. |
|                 | 11    | 49      |                       | 13                    | S. W. |
|                 | 12    | 64      | 15                    |                       | N. W. |
|                 | 21    | 59      |                       |                       | N. E. |
|                 | 22    | 70      | 11                    |                       | W. S. |
| <i>July</i>     | 16    | 66      |                       |                       | N. W. |
|                 | 17    | 55      |                       | 11                    | N. W. |

CARRIED FORWARD.



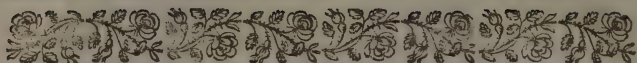
## BROUGHT FORWARD.

|               |    |    |    |    |       |
|---------------|----|----|----|----|-------|
| <i>August</i> | 6  | 67 | —  | —  | W.    |
| —             | 7  | 57 | —  | 10 | N.    |
| —             | 26 | 59 | —  | —  | S. W. |
| —             | 27 | 69 | 10 | —  | S. W. |
| <i>Nov.</i>   | 5  | 39 | —  | —  | S. W. |
| —             | 6  | 52 | 13 | —  | W.    |
| —             | 11 | 40 | —  | —  | W.    |
| —             | 12 | 53 | 13 | —  | S. W. |
| —             | 13 | 43 | —  | 10 | W.    |
| <i>Dec.</i>   | 1  | 49 | —  | —  | S. W. |
| —             | 2  | 38 | —  | 11 | N. W. |

*Number of days of Frost & Snow in Jan. Feb. and March, compared with those of Oct. Nov. & Dec.*

F.—FROST, —S.—SNOW.

| YEAR.        | Months.         | F.  | S. | Months.         | F.  | S. |
|--------------|-----------------|-----|----|-----------------|-----|----|
| 1799         | <i>January</i>  | 19— | 2  | <i>October</i>  | 6—  | 0  |
|              | <i>February</i> | 11— | 10 | <i>November</i> | 4—  | 0  |
|              | <i>March</i> -  | 10— | 3  | <i>December</i> | 16— | 5  |
| <i>Total</i> | —               | 40— | 15 | —               | 26— | 5  |



## REMARKS ON THE WEATHER.



### January.

ON the first a very sharp frost, which continued till the eighth, with hazy weather, and a moist atmosphere; from the first to the sixth the Thermometer was below the freezing-point, as may be seen in the Table of Excess of Cold; on the eighth, rain in the morning, and hard frost in the evening: during the remainder of the month, the weather continued to vary from frost to rain.

February

---

---

### February

COMMENCED with a very severe frost, and a heavy fall of snow for two days; from the second to the twelfth frequent showers of snow with hard frost; the Thermometer from the first to the tenth below the freezing point; on the nineteenth the snow began to melt, with a thorough thaw; from that time to the end of the month, frequent showers of rain.

---

---

### March.

THE weather changeable till the ninth and tenth, when there came another great fall of snow; very unsettled weather till the latter end of the month, with some days of severe frost: on the thirtieth and thirty-first, the  
Ther-

Thermometer was 5 degrees below the freezing point.

---

### April.

THE first and second, hard frost, with showers of snow; the Thermometer on the first, second, third and fourth, at nine o'clock at night was 5 degrees below the freezing point; on the fourth, about eleven o'clock at night, it began to snow, and more is supposed to have come down in ten hours than ever was known to have fallen in that space of time, in this country. On the fifth, about eight o'clock in the evening, there came from the N. E. two vivid flashes of lightning, without thunder; on the eighth, showers of snow and rain; from that time to the sixteenth, cold, with

with frequent showers,—on that day at ten o'clock A. M. the Thermometer was at  $43^{\circ}$ , and at one P. M. at  $50$ ,—so that there was a change, in the temperature of the air, of 7 degrees in less than three hours: from the sixteenth to the end of the month, a continuance of cold wind, with showers of rain and hail.

---

### May.

FROM the first to the sixteenth, with only a variation of four days, cold E. and N. E. winds, which seemed to have stopped the progression of vegetation; the leaves did not appear on the hedges till about the fifteenth, and then only on the S. W. sides: Oaks, in general, did not begin to bud till about the  
 twenty-

twenty-fourth; on the twenty-ninth a few small leaves appeared.

---

### June.

WEATHER variable and cold, not one day of summer heat; the highest rise of the Thermometer was on the eighth, when it was up at  $72^{\circ}$ ; on the twenty-second and thirtieth, at  $70^{\circ}$ ; these were the only warm days in this month. A sharp frost in the morning of the sixteenth, seventeenth, eighteenth and nineteenth; frequent sudden changes in the temperature of the air; on the tenth, at nine in the morning, the Thermometer was at  $62^{\circ}$ , and at nine at night  $52^{\circ}$ ; on the sixteenth, at nine o'clock A. M. Thermometer at  $60^{\circ}$ , at nine P. M.  $49^{\circ}$ ; on the seventeenth, at nine A. M.  $58^{\circ}$ , at nine P. M.  $48^{\circ}$ ; on the twenty-third,



third, at nine A. M.  $64^{\circ}$ , at nine P. M.  $54^{\circ}$ , hence it appears that these changes from heat to cold, were in the space of twelve hours.—The changes that happened in twenty - four hours, will be seen in the Table.

---

---

### July.

VERY little appearance of Summer; there were but three days when the Thermometer was as high as  $67^{\circ}$ , which is 9 degrees below summer - heat:—the weather cold and wet throughout the month, with but little variation.

---

---

### August.

A CONTINUANCE of cold and wet weather, there were but two days when the Thermo-  
C meter

meter was as high as  $67^{\circ}$ , the fourth and the sixth, as may be seen in the Table. A great deal of Hay carried away by the floods.

---

### September.

THE first eleven days fair, which seemed to promise a favourable harvest, but the heavy rain, and frequent showers, that followed, greatly damaged the Corn.

---

### October.

THE first, a frost, the three following days rain; from the fourth to the sixteenth, rain almost every other day: on the sixteenth and seventeenth, a frost; the eighteenth, nineteenth and twenty-first, rain; from that time to the thirtieth, cloudy damp weather.

November

---

---

### November

COMMENCED with rain; from the second to the eighth, very stormy and wet; daily showers till the sixteenth; from the seventeenth to the twenty - seventh, foggy and damp; the four last days cloudy.

The foliage continued on the trees a considerable time longer than usual; the Oaks did not change their verdure for the Autumnal tint, till about the middle of this month. At this time a great scarcity of wheat flour, owing, in some degree, to the corn having been got in wet, and not yet sufficiently dry to grind: a partial want has been occasioned by the mills not being able to work for want of wind. Several acres of Barley and Oats  
not

not cut in the neighbourhood of Mansfield ;  
grain in general bad.

---

### December.

THE first nine days frequent showers of rain ; from the ninth to the sixteenth, hazy and damp ; on the sixteenth and seventeenth, sharp frost, and damp ; on the eighteenth an extraordinary fluctuation in the Barometer, it was that morning at 29 inches 4 lines, where it continued till about half an hour after three P. M. it then took a rapid rise, and by seven o'clock P. M. it was up at 30 inches 2 lines, so that there was a rise of eight lines in three hours and a half. The nineteenth, twentieth and twenty-first, hard frost, with snow : the degrees below the freezing point will be seen in the Table.

A con-

A continuance of severe frost to the end of the month ; on the thirtieth, at nine P. M. the Thermometer was 22 degrees below the freezing-point, and on the thirty-first, 22 degrees below at nine in the morning and nine at night. Hence it appears, that the frost has been more severe this year than it was in the year 1795 ; in will also be seen in the Table of Excess of Cold for this year, that there were thirty - five days when the Thermometer was below the freezing point, which are three more than there were in the cold winter of 1795, and fifteen more than in the year 1798.

The great dampness of the atmosphere during the Autumn, has probably preserved the leaves on the trees much longer than usual : the Oaks were not entirely divested of their foliage till after the second week in this month.

The

The weather, throughout the year, has been remarkably cold and wet; all sorts of culinary vegetables very scarce; the fruit every where bad, and even the produce from hot walls, though favourable to the eye, had no flavour and hardly eatable, owing to the want of sun.

The harvest uncommonly late, and grain in general bad, the price at Mansfield market, on Thursday before Christmas-day, as follows:

Barley,—from 3l. to 3l. 10s. to 4l. per Qr.

Wheat,—from 34s. to 36s. per Load;

Oats,—from 34s. to 38s. per Quarter;

Rye,—from 20s. to 21s. per Load;

Beans,—from 30s. to 33s. do.

Peas,—from 18s. to 20s. do.

Three Strikes to a Load.

Such has been the advanced price of Corn; but we have now reason to hope, that the  
salutary



salutary measure taken by Government to prevent a scarcity of flour, will, in a short time, alleviate the distresses of the poor.

*FINIS.*





A  
CONTINUATION  
OF THE  
ANNUAL  
Meteorological Register,  
KEPT AT  
MANSFIELD WOODHOUSE,  
FROM THE YEAR  
1799,  
TO THE END OF THE YEAR  
1800.

---

*By H. R.*

---

---

NOTTINGHAM:

---

PRINTED BY SAMUEL TUPMAN.





# REGISTER OF THE WINDS FOR THE YEAR 1800.

[ 4 ]

| MONTHS.      | EAST. | WEST. | North. | South. | N. E. | S. East. | S. West. | N. West. |
|--------------|-------|-------|--------|--------|-------|----------|----------|----------|
| January, -   | 2     | 1     | 0      | 2      | 6     | 5        | 12       | 3        |
| February, -  | 5     | 2     | 1      | 1      | 8     | 8        | 2        | 1        |
| March, -     | 3     | 3     | 6      | 1      | 2     | 10       | 4        | 2        |
| April, -     | 1     | 0     | 0      | 0      | 3     | 1        | 22       | 3        |
| May, -       | 3     | 3     | 1      | 4      | 7     | 3        | 9        | 1        |
| June, -      | 0     | 6     | 1      | 1      | 6     | 0        | 4        | 12       |
| July, -      | 1     | 4     | 0      | 0      | 4     | 4        | 8        | 10       |
| August, -    | 0     | 6     | 1      | 2      | 9     | 2        | 4        | 7        |
| September, - | 0     | 3     | 0      | 0      | 3     | 4        | 13       | 7        |
| October, -   | 0     | 9     | 0      | 0      | 0     | 2        | 13       | 7        |
| November, -  | 0     | 11    | 2      | 2      | 0     | 1        | 8        | 6        |
| December, -  | 0     | 2     | 3      | 2      | 3     | 7        | 9        | 5        |
| Total,       | 15    | 50    | 15     | 15     | 51    | 47       | 108      | 64       |



# REGISTER OF THE WEATHER FOR THE YEAR 1800.

| MONTHS.       | FROST. | SNOW. | RAIN. | FAIR. | * Hot or Mild. | Thunder. |
|---------------|--------|-------|-------|-------|----------------|----------|
| January, -    | 10     | 6     | 8     | 17    | 1              | 0        |
| February, -   | 19     | 4     | 3     | 21    | 0              | 0        |
| March, -      | 10     | 3     | 4     | 24    | 3              | 0        |
| April, -      | 2      | 0     | 21    | 9     | 2              | 0        |
| May, -        | 1      | 0     | 12    | 19    | 0              | 3        |
| June, -       | 1      | 0     | 9     | 21    | 0              | 1        |
| July, -       | 0      | 0     | 3     | 28    | 6              | 0        |
| August, -     | 0      | 0     | 11    | 20    | 6              | 0        |
| September, -  | 0      | 0     | 18    | 12    | 4              | 2        |
| October, -    | 5      | 0     | 12    | 19    | 2              | 0        |
| November, -   | 11     | 1     | 11    | 18    | 0              | 0        |
| December, -   | 8      | 3     | 10    | 18    | 5              | 0        |
| <i>Total,</i> | 67     | 17    | 122   | 226   | 29             | 6        |

\* THE Column with Hot or Mild refers to, the Temperature of the Air in Summer and Winter, that is, when the Thermometer is above 76 Degrees in Summer, and 45 Degrees in Winter.

*The greatest Rise and Fall of the BAROMETER in the Year 1800,*

| MONTHS.      | DAYS.                          | RISE.  | DAYS.               | FALL.  |
|--------------|--------------------------------|--------|---------------------|--------|
| January, -   | 1st, -                         | 30.1 - | 15th, 18th, -       | 28.8 - |
| February, -  | 5th, 6th, 7, 8, 9, 22d, 29.9 - | 29.9 - | 22d, 23d, -         | 29.2 - |
| March, -     | 20th, 21st, 22d, 29.9 -        | 29.9 - | 28th, 29th, 31st, - | 29.2 - |
| April, -     | 26th, 27th, 30th, 29.6 -       | 29.6 - | 1st, -              | 29. -  |
| May, -       | 26th, 28th, 29th, 29.9 -       | 29.9 - | 17th, -             | 28.6 - |
| June, -      | 28th, -                        | 30. -  | 8th, 9th, 21st, -   | 29.9 - |
| July, -      | 18, 24, 25, 26, 27, 30.1 -     | 30.1 - | 7th, -              | 29.5 - |
| August, -    | 9th, -                         | 30.1 - | 22d, 23d, -         | 29.4 - |
| September, - | 1st, 13th, 14, 15, 29.8 -      | 29.8 - | 7th, 22d, 25th, -   | 29. -  |
| October, -   | 17t, -                         | 30.1 - | 10th, -             | 28.6 - |
| November, -  | 20th, -                        | 30. -  | 9th, -              | 28.5 - |
| December, -  | 16th, -                        | 29.9 - | 5th, -              | 28.7 - |

*The greatest Rise and Fall of the THERMOMETER in the Year 1800.*

| MONTHS.      | DAYS.             | RISE. | DAYS.        | FALL. |
|--------------|-------------------|-------|--------------|-------|
| January, -   | 26th, -           | 47. - | 1st, -       | 13.   |
| February, -  | 23d, -            | 40. - | 7th, 12th, - | 28.   |
| March, -     | 29th, 30th, 31st, | 47. - | 7th, 8th, -  | 26.   |
| April, -     | 22d, -            | 57. - | 2d, -        | 42.   |
| May, -       | 3d, -             | 63. - | 6th, -       | 48.   |
| June, -      | 19th, -           | 69. - | 6th, -       | 49.   |
| * July, -    | 31st, -           | 81. - | 13th, -      | 56.   |
| + August, -  | 1st, 2d, -        | 78. - | 25th, -      | 50.   |
| September, - | 14th, 15th, 16th, | 68. - | 30th, -      | 48.   |
| October, -   | 2d, -             | 61. - | 22d, -       | 36.   |
| November, -  | 2d, 14th, -       | 48. - | 26th, -      | 29.   |
| December, -  | 23d, -            | 48. - | 31st, -      | 21.   |

\* The Thermometer on the 31st at Noon, in the Shade 82 Degrees. † On the 1st and 2d at Noon, 82 Degrees.

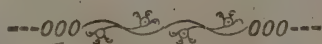
*Excess of Cold in the Year 1800, when the Thermometer was below the Freezing Point.*



| MONTHS,<br>and DAYS<br>thereof. | State of<br>the<br>Thermom. | Degrees be-<br>low the<br>Freezing<br>Point at 9<br>A. M. | Degrees be-<br>low the<br>Freezing<br>Point at 9<br>P. M. | WIND. |
|---------------------------------|-----------------------------|---|---|-------|
| <i>Jan.</i> 1                   | 13                          | 19  | 20  | N. W. |
| — 2                             | 24                          | 8   | 9   | S.    |
| — 21                            | 25                          | 7   | 8   | N. W. |
| — 22                            | 24                          | 8   | 8   | S. W. |
| — 30                            | 30                          | 2   | 2   | S. W. |
| <i>Feb.</i> 5                   | 31                          | 1   | 1   | N. W. |
| — 7                             | 28                          | 4   | 4   | S. E. |
| — 11                            | 30                          | 2   | 2   | E.    |
| — 12                            | 28                          | 4   | 2   | N. E. |
| — 13                            | 30                          | 2   | 2   | N. E. |
| — 26                            | 29                          | 3   | 8   | E.    |
| — 27                            | 30                          | 2   | 8   | N. E. |
| — 28                            | 30                          | 1   | 5   | N.    |
| <i>Mar.</i> 5                   | 29                          | 3   | 6   | S. E. |
| — 6                             | 29                          | 3   | 6   | S. E. |
| — 7                             | 26                          | 6   | 7   | S. E. |
| — 8                             | 26                          | 6   | 7   | E.    |
| — 10                            | 31                          | 1   | 2   | S. E. |
| <i>Nov.</i> 26                  | 29                          | 3   | 4   | W.    |
| — 28                            | 30                          | 2   | 3   | W.    |
| <i>Dec.</i> 29                  | 30                          | 2   | 8   | N.    |
| — 30                            | 23                          | 9   | 10  | N. W. |
| — 31                            | 21                          | 11  | 9   | N. W. |

*Quantity of Rain which fell at the following Places  
in the Year 1800.*

| MONTHS.      | Mansfield<br>Woodhouse,<br>Notts. |       | Chatsworth,<br>Derbys. |       |
|--------------|-----------------------------------|-------|------------------------|-------|
|              | Inc.                              | T. H. | Inc.                   | T. H. |
| JANUARY, -   | 1                                 | 8 4   | 4                      | 1 0   |
| FEBRUARY,    | 1                                 | 3 6   | 0                      | 5 2   |
| MARCH, - -   | 0                                 | 8 5   | 1                      | 7 1   |
| APRIL, - - - | 2                                 | 5 7   | 2                      | 8 4   |
| MAY, - - - - | 2                                 | 5 4   | 1                      | 6 7   |
| JUNE, - - -  | 0                                 | 8 0   | 0                      | 6 2   |
| JULY, - - -  | 0                                 | 1 3   | 0                      | 1 5   |
| AUGUST, - -  | 3                                 | 2 4   | 0                      | 9 5   |
| SEPTEMBER    | 4                                 | 1 0   | 5                      | 7 8   |
| OCTOBER, -   | 2                                 | 5 5   | 3                      | 6 4   |
| NOVEMBER,    | 3                                 | 9 0   | 2                      | 7 6   |
| DECEMBER,    | 2                                 | 1 6   | 2                      | 3 0   |
| TOTAL, -     | 26                                | 0 4   | 27                     | 0 4   |



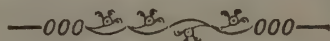
*No. of Days of Frost & Snow in Jan. Feb. & Mar.  
compared with those in Oct. Nov. and Dec.*

F. FROST, — S. SNOW.

| YEAR.         | MONTHS.         | F. : S. |    | MONTHS.         | F. : S. |   |
|---------------|-----------------|---------|----|-----------------|---------|---|
| 1800          | <i>Jan. - -</i> | 10      | 6  | <i>Oct. - -</i> | 5       | 0 |
|               | <i>Feb. - -</i> | 19      | 4  | <i>Nov. - -</i> | 11      | 1 |
|               | <i>Mar. -</i>   | 10      | 3  | <i>Dec. - -</i> | 8       | 3 |
| <i>Total,</i> | —               | 39      | 13 | —               | 24      | 4 |

## TABLE

*Of the sudden Transitions in the Temperature of the Air, as they occurred in the Year 1800.*



COLUMN No 1, the Months; 2, Days of the Month; 3, State of the Thermometer; 4, Change from Cold to Heat; 5, from Heat to Cold, in Degrees; 6, Wind.

NB. CHANGES under ten Degrees are not noted.

| 1              | 2     | 3      | 4                  | 5                  | 6     |
|----------------|-------|--------|--------------------|--------------------|-------|
| Months.        | Days. | Therm. | Change<br>to Heat. | Change<br>to Cold. | WIND. |
| <i>Jan.</i> -  | 1     | 13     | —                  | —                  | N. W. |
| — -            | 2     | 24     | 11                 | —                  | S.    |
| — -            | 3     | 38     | 14                 | —                  | S. W. |
| — -            | 25    | 32     | —                  | —                  | S. W. |
| — -            | 26    | 47     | 15                 | —                  | S. W. |
| <i>March</i> - | 10    | 31     | —                  | —                  | S. E. |
| — -            | 11    | 41     | 10                 | —                  | S. E. |
| — -            | 23    | 42     | —                  | —                  | S. W. |
| — -            | 24    | 55     | 13                 | —                  | W.    |
| — -            | 25    | 45     | —                  | 10                 | S.    |
| <i>April</i> - | 25    | 44     | —                  | —                  | N. E. |
| — -            | 26    | 55     | 11                 | —                  | N. E. |
| <i>May,</i> -  | 9     | 61     | —                  | —                  | N. E. |
| — -            | 10    | 51     | —                  | 10                 | N. E. |
| — -            | 29    | 62     | —                  | —                  | S.    |
| — -            | 30    | 52     | —                  | 10                 | S. W. |

CARRIED FORWARD.

BROUGHT FORWARD.

| 1               | 2     | 3      | 4                  | 5                  | 6     |
|-----------------|-------|--------|--------------------|--------------------|-------|
| Months          | Days. | Therm. | Change<br>to Heat. | Change<br>to Cold. | WIND. |
| <i>July</i> - - | 17    | 79     | —                  | —                  | N. W. |
| — - -           | 18    | 68     | —                  | 11                 | N. W. |
| <i>Aug.</i> - - | 9     | 74     | —                  | —                  | S. W. |
| — - -           | 10    | 60     | —                  | 14                 | N. E. |
| <i>Oct.</i> - - | 1     | 50     | —                  | —                  | S. W. |
| — - -           | 2     | 61     | 11                 | —                  | S. W. |
| — - -           | 21    | 52     | —                  | —                  | W.    |
| — - -           | 22    | 36     | —                  | 16                 | N. W. |
| — - -           | 23    | 47     | 11                 | —                  | N. W. |
| <i>Nov.</i> - - | 9     | 46     | —                  | —                  | N.    |
| — - -           | 10    | 35     | —                  | 11                 | S. E. |
| — - -           | 11    | 52     | 17                 | —                  | W.    |
| — - -           | 12    | 38     | —                  | 14                 | W.    |
| — - -           | 20    | 33     | —                  | —                  | N. W. |
| — - -           | 21    | 43     | 10                 | —                  | N. W. |
| — - -           | 25    | 40     | —                  | —                  | W.    |
| — - -           | 26    | 29     | —                  | 11                 | W.    |
| <i>Dec.</i> - - | 1     | 46     | —                  | —                  | S. W. |
| — - -           | 2     | 35     | —                  | 11                 | W.    |
| — - -           | 11    | 34     | —                  | —                  | S. E. |
| — - -           | 12    | 44     | 10                 | —                  | S.    |
| — - -           | 19    | 35     | —                  | —                  | S.    |
| — - -           | 20    | 46     | 11                 | —                  | S. W. |







## REMARKS *on the* WEATHER.



### January.

ON the first and second, severe frost with snow; the third, a thaw; from that day to the seventeenth, hazy and thick fogs: the sun never appeared but twice in the first twenty days:—on the eighteenth, nineteenth, and twentieth, snow; from that time to the end of the month, frost and rain with showers of snow and hail.

---

---

### February.

THE first, frost in the morning and rain in

the evening ; second, third and fourth, cold wind, with rain at night ; from the fifth to the sixteenth, both inclusive, sharp frost ; snow on the tenth and sixteenth ; from the seventeenth to the twenty-second, frost, with thick fogs ; twenty-fifth, a little rain and snow ; twenty-sixth and twenty-seventh, frost and snow :—a long continuance of N. E. and S. E. winds. See the Table.

---

---

### March.

THE first nine days, sharp frost, in which five were below the freezing point, as may be seen in the Table ; snow on the fourth, tenth and twelfth ; fogs and hazy weather from the fourteenth to the twentieth ; showers on the twenty-eighth, twenty-ninth, and thirty-first : the rest of the month fair : very mild on the twenty-fourth.

---

---

April.

SEASONABLE weather throughout the month; on the twelfth, hedges in leaf:—vegetation greatly forwarded by frequent mild showers.

---

---

May.

THE beginning, hazy and warm; on the third, the Thermometer, at twelve o'clock in the shade, was at  $65^{\circ}$ : from thence to the end of the month, seasonable showers:—on the twenty-first, a violent thunder-storm with hail.

---

---

June.

FOR the first six days, a north - easterly wind, with showers and hazy weather; the sun did not appear, except for a few minutes

in the morning, till the ninth; from the eighth to the nineteenth, a N. W. wind; cloudy weather to the latter end of the month; the evenings cold:—the hottest day was on the nineteenth, when the Thermometer was at  $69^{\circ}$ .

---

### July.

FROM the first to the sixteenth, cloudy and temperate; from the sixteenth to the end of the month, hot and seasonable weather; the Thermometer on the seventeenth was at  $79^{\circ}$ , and on the thirty-first,  $81^{\circ}$ , at noon,  $82^{\circ}$ :—great crops of Hay, and well got in.

---

### August.

A CONTINUATION of hot weather; on the first and second, at nine o'clock A. M. the Thermometer stood at  $78^{\circ}$ ; at noon,  $81^{\circ}$ ;

on the ninth,  $78^{\circ}$ , at noon: except a little shower on the fourth, no rain till the nineteenth, which continued till the twenty ninth, and was of great service to the Turnips and Grass grounds: very little Corn got in: great scarcity of all kinds of Fruit, many trees then appeared to have been killed by the severe winter and cold summer in the year 1799.

---

### September.

FROM the second to the ninth, frequent showers; from thence to the eighteenth, warm and pleasant: on the sixteenth, the Thermometer at noon was at  $69^{\circ}$ ; from the nineteenth, showers to the end of the month: on the third, a violent storm of thunder, lightning and rain, which did considerable damage in the town and neighbourhood of Nottingham.

## October.

FREQUENT showers from the first to the tenth, with high wind; seasonable weather to the end of the month.

---

## November.

HIGH winds and changeable weather for the first ten days, with frost in the morning and rain at noon: on the seventh, about eight o'clock P. M. a hurricane came on from the S. W. which did not continue above half an hour; on the eighth and ninth, high wind and rain, but less violent in this county than in the south, where much mischief has been done: on the ninth, a rapid rise in the Barometer, of eight lines in eleven hours; at ten o'clock A. M. it stood at 28 inches 5 lines, and at nine P. M. it got up to 29 inches 3 lines: from the thirteenth to the twenty-third, pleasant weather; on the twenty-fourth



rain and snow :—hard frost on the twenty-eighth, as may be seen in the table of Excess of Cold.

---

### December.

THE first nine days, frequent showers of rain with a little snow ; from the tenth to the nineteenth, thick fogs ; during the above-mentioned nineteen days, the sun only appeared for a short time on the thirteenth : from the twentieth to the twenty-fourth, very mild ; a continuance of fine weather, with a little frost, to the twenty - eighth ; on the twenty-ninth, a deep snow ; the thirtieth and thirty-first, a severe frost ; the Thermometer, on the thirtieth at nine o'clock A. M. was 9 degrees below the freezing point ; on the the thirty-first, 11 degrees below.—See the Table.



Register of the WINDS for the last sixteen Years, from the  
Beginning of the Year 1785 to the End of the Year 1800.

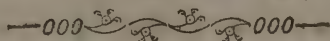
| YEARS. | East. | West. | North | South | N. E. | S. E. | S. W. | N.W. |
|--------|-------|-------|-------|-------|-------|-------|-------|------|
| 1785   | 6     | 71    | 4     | 5     | 60    | 59    | 62    | 98   |
| 1786   | 37    | 103   | 34    | 19    | 46    | 37    | 40    | 44   |
| 1787   | 22    | 104   | 12    | 11    | 36    | 44    | 72    | 64   |
| 1788   | 30    | 94    | 22    | 16    | 48    | 29    | 55    | 71   |
| 1789   | 30    | 67    | 7     | 17    | 31    | 55    | 107   | 51   |
| 1790   | 29    | 94    | 6     | 14    | 47    | 54    | 72    | 49   |
| 1791   | 31    | 69    | 16    | 23    | 34    | 39    | 95    | 58   |
| 1792   | 9     | 38    | 8     | 45    | 37    | 24    | 136   | 69   |
| 1793   | 1     | 34    | 11    | 15    | 36    | 21    | 154   | 93   |
| 1794   | 0     | 23    | 7     | 11    | 20    | 21    | 198   | 85   |
| 1795   | 1     | 22    | 12    | 20    | 37    | 22    | 167   | 84   |
| 1796   | 5     | 27    | 16    | 9     | 59    | 30    | 138   | 82   |
| 1797   | 6     | 27    | 11    | 13    | 51    | 41    | 152   | 64   |
| 1798   | 18    | 40    | 20    | 13    | 39    | 40    | 130   | 65   |
| 1799   | 12    | 46    | 24    | 20    | 51    | 46    | 113   | 53   |
| 1800   | 15    | 50    | 15    | 15    | 51    | 47    | 108   | 64   |
| TOTAL, | 252   | 914   | 225   | 266   | 673   | 609   | 1799  | 1094 |

Register of the WEATHER for the last 16 Years, from the  
Beginning of the Year 1785 to the End of the Year 1800.

| YEARS. | FROST. | SNOW. | RAIN. | FAIR. |
|--------|--------|-------|-------|-------|
| 1785   | 87     | 34    | 112   | 219   |
| 1786   | 68     | 27    | 111   | 203   |
| 1787   | 48     | 9     | 132   | 224   |
| 1788   | 72     | 26    | 122   | 218   |
| 1789   | 52     | 21    | 180   | 164   |
| 1790   | 47     | 7     | 138   | 220   |
| 1791   | 63     | 13    | 138   | 213   |
| 1792   | 58     | 13    | 170   | 183   |
| 1793   | 59     | 12    | 123   | 230   |
| 1794   | 53     | 4     | 125   | 236   |
| 1795   | 66     | 28    | 119   | 214   |
| 1796   | 51     | 7     | 129   | 230   |
| 1797   | 65     | 4     | 149   | 212   |
| 1798   | 77     | 10    | 127   | 228   |
| 1799   | 78     | 26    | 130   | 209   |
| 1800   | 67     | 17    | 122   | 226   |
| TOTAL, | 1011   | 258   | 2127  | 3429  |



*Price of Grain at Mansfield, on the last Market-day in every Month, for the Year 1800.*



*January 30th.*

| W                  | HEAT per qr. from | L. S. D. |    |    | L. S. D. |    |   |    |   |
|--------------------|-------------------|----------|----|----|----------|----|---|----|---|
|                    |                   | 4        | 16 | 0  | to       | 5  | 6 | 0  |   |
| Barley, per ditto, | do.               | 3        | 10 | 0  | to       | 4  | 0 | 0  |   |
| Oats,              | do.               | do.      | 1  | 16 | 0        | to | 2 | 0  | 0 |
| Peas,              | do.               | do.      | 2  | 8  | 0        | to | 2 | 10 | 0 |

*February 27th.*

|         |   |   |      |   |    |   |    |   |    |   |
|---------|---|---|------|---|----|---|----|---|----|---|
| Wheat,  | - | - | from | 5 | 6  | 8 | to | 5 | 17 | 4 |
| Barley, | - | - | do.  | 2 | 2  | 0 | to | 2 | 12 | 6 |
| Oats,   | - | - | do.  | 2 | 16 | 0 | to | 3 | 0  | 0 |

*March 27th.*

|         |   |   |      |   |    |   |    |   |    |   |
|---------|---|---|------|---|----|---|----|---|----|---|
| Wheat,  | - | - | from | 5 | 13 | 0 | to | 6 | 10 | 0 |
| Barley, | - | - | do.  | 4 | 0  | 0 | to | 4 | 10 | 0 |
| Oats,   | - | - | do.  | 2 | 18 | 0 | to | 3 | 0  | 0 |
| Peas,   | - | - | do.  | 3 | 14 | 0 | to | 4 | 0  | 0 |

[ 22 ]

April 24th.

|         |   |   |      | L. | S. | D. |    | L. | S. | D. |
|---------|---|---|------|----|----|----|----|----|----|----|
| Wheat,  | - | - | from | 7  | 6  | 8  | to | 7  | 9  | 4  |
| Barley, | - | - | do.  | 3  | 10 | 0  | to | 3  | 15 | 0  |
| Oats,   | - | - | do.  | 3  | 0  | 0  | to | 3  | 10 | 0  |

May 21st.

|                     |   |   |      |   |    |   |    |   |    |   |
|---------------------|---|---|------|---|----|---|----|---|----|---|
| Wheat,              | - | - | from | 5 | 12 | 0 | to | 6 | 0  | 0 |
| Rye,                | - | - | do.  | 4 | 0  | 0 | to | 4 | 4  | 0 |
| Oats,               | - | - | do.  | 2 | 10 | 0 | to | 2 | 15 | 0 |
| Beans,              | - | - | do.  | 4 | 0  | 0 | to | 4 | 4  | 0 |
| Barley, on the 22d. |   |   | do.  | 2 | 7  | 0 | to | 2 | 2  | 0 |

*No Barley brought to Market on the 29th.*

June 26th.

|        |   |   |      |   |    |   |    |   |    |   |
|--------|---|---|------|---|----|---|----|---|----|---|
| Wheat, | - | - | from | 6 | 12 | 4 | to | 6 | 19 | 8 |
| Oats,  | - | - | do.  | 3 | 10 | 0 | to | 3 | 12 | 0 |
| Beans, | - | - | do.  | 4 | 16 | 0 | to | 5 | 6  | 8 |

*No Barley nor Peas.*

July 31st.

|        |   |   |      |   |    |   |    |   |    |   |
|--------|---|---|------|---|----|---|----|---|----|---|
| Wheat, | - | - | from | 4 | 0  | 0 | to | 4 | 16 | 0 |
| Oats,  | - | - | do.  | 2 | 10 | 0 | to | 2 | 14 | 0 |

|        |   |   |      | L. | S. | D. |    | L. | S. | D. |
|--------|---|---|------|----|----|----|----|----|----|----|
| Beans, | - | - | from | 5  | 6  | 8  | to | 5  | 12 | 0  |

|         |              |     |   |    |   |    |   |   |   |
|---------|--------------|-----|---|----|---|----|---|---|---|
| Barley, | on the 24th, | do. | 2 | 14 | 0 | to | 3 | 0 | 0 |
|---------|--------------|-----|---|----|---|----|---|---|---|

*No Barley nor Peas on the 31st.*

August 24th.

|        |   |   |      |   |   |   |    |   |   |   |
|--------|---|---|------|---|---|---|----|---|---|---|
| Wheat, | - | - | from | 7 | 1 | 4 | to | 8 | 0 | 0 |
|--------|---|---|------|---|---|---|----|---|---|---|

|         |   |   |     |   |   |   |    |   |   |   |
|---------|---|---|-----|---|---|---|----|---|---|---|
| Barley, | - | - | do. | 3 | 3 | 0 | to | 4 | 0 | 0 |
|---------|---|---|-----|---|---|---|----|---|---|---|

|       |   |   |     |   |   |   |    |   |   |   |
|-------|---|---|-----|---|---|---|----|---|---|---|
| Oats, | - | - | do. | 2 | 5 | 0 | to | 3 | 0 | 0 |
|-------|---|---|-----|---|---|---|----|---|---|---|

September 25th.

|        |   |   |      |   |   |   |    |   |   |   |
|--------|---|---|------|---|---|---|----|---|---|---|
| Wheat, | - | - | from | 5 | 0 | 0 | to | 5 | 9 | 0 |
|--------|---|---|------|---|---|---|----|---|---|---|

|         |   |   |     |   |   |   |    |   |   |   |
|---------|---|---|-----|---|---|---|----|---|---|---|
| Barley, | - | - | do. | 4 | 0 | 0 | to | 4 | 4 | 0 |
|---------|---|---|-----|---|---|---|----|---|---|---|

|       |   |   |     |   |    |   |    |   |   |   |
|-------|---|---|-----|---|----|---|----|---|---|---|
| Oats, | - | - | do. | 1 | 18 | 0 | to | 2 | 8 | 0 |
|-------|---|---|-----|---|----|---|----|---|---|---|

October 30th.

|        |   |   |      |   |   |   |    |   |    |   |
|--------|---|---|------|---|---|---|----|---|----|---|
| Wheat, | - | - | from | 6 | 0 | 0 | to | 6 | 13 | 0 |
|--------|---|---|------|---|---|---|----|---|----|---|

|         |   |   |     |   |    |   |    |   |    |   |
|---------|---|---|-----|---|----|---|----|---|----|---|
| Barley, | - | - | do. | 3 | 10 | 0 | to | 4 | 14 | 0 |
|---------|---|---|-----|---|----|---|----|---|----|---|

|       |   |   |     |   |   |   |    |   |    |   |
|-------|---|---|-----|---|---|---|----|---|----|---|
| Oats, | - | - | do. | 2 | 5 | 0 | to | 2 | 10 | 0 |
|-------|---|---|-----|---|---|---|----|---|----|---|

November 27th.

|       |   |   |      |   |   |   |    |   |   |   |
|-------|---|---|------|---|---|---|----|---|---|---|
| Wheat | - | - | from | 6 | 0 | 0 | to | 6 | 5 | 4 |
|-------|---|---|------|---|---|---|----|---|---|---|

|         |   |   |     |   |   |   |    |   |    |   |
|---------|---|---|-----|---|---|---|----|---|----|---|
| Barley, | - | - | do. | 3 | 0 | 0 | to | 4 | 14 | 0 |
|---------|---|---|-----|---|---|---|----|---|----|---|

|       |   |   |     |   |   |   |    |   |   |   |
|-------|---|---|-----|---|---|---|----|---|---|---|
| Oats, | - | - | do. | 2 | 2 | 0 | to | 2 | 8 | 0 |
|-------|---|---|-----|---|---|---|----|---|---|---|

|       |   |   |     |   |   |   |    |   |   |   |
|-------|---|---|-----|---|---|---|----|---|---|---|
| Peas, | - | - | do. | 4 | 0 | 0 | to | 4 | 4 | 0 |
|-------|---|---|-----|---|---|---|----|---|---|---|



December 24th.

|         |   |   |      | L. | S. | D. |    | L. | S. | D. |
|---------|---|---|------|----|----|----|----|----|----|----|
| Wheat,  | - | - | from | 6  | 13 | 4  | to | 7  | 2  | 0  |
| Barley, | - | - | do.  | 3  | 10 | 0  | to | 4  | 0  | 0  |
| Oats,   | - | - | do.  | 2  | 4  | 0  | to | 2  | 10 | 0  |
| Peas,   | - | - | do.  | 3  | 15 | 0  | to | 4  | 0  | 0  |

It appears, from a general enquiry made by government, that the present high price of Wheat has been owing to a deficiency in this year's crop, which has not been equal to the annual consumption. There is, however, reason to hope, from the hitherto mildness of the winter, the bounty given by parliament for the importation of Grain, and the plan adopted by great families for limiting the quantity of Bread, that we may venture, under the protection of Divine Providence, to look forward to the commencement of the nineteenth century for a plentiful harvest.

